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ABSTRACT

Fiscal year activities are summarized for seven organizational areas of the Library of Congress: (1) Administration: Offices of the Librarian and Associate Librarian for Management; (2) National Programs: American Folklife Center, Children's Literature Center, Educational Liaison Office, Exhibits Office, Federal Library Committee, Information Office, National Library Service for the Blind and Physically Handicapped, and Publishing Office; (3) Congressional Research Service: member and committee relations; labor-management relations; interagency activities; inquiry status and information systems; automated information services; assignment, reference, and special services; and research services; (4) Processing Services: acquisitions and overseas operations, cataloging, bibliographic products and services, networking, and staff activities; (5) Research Services: administration, acquisitions, management of collections, preservation, services to readers, public programs, publications, staff activities, and basic workload; (6) Law Library: services to Congress, services to government and other noncongressional users, legal indexes and publications, collection development, and personnel; (7) Copyright Office: outreach activities; consultative management; reporting to the U.S. Congress; monitoring intellectual property protection abroad; Semiconductor Chip Protection Act of 1984; workload and production; regulations; and legislative, judicial, and international developments. Also included are an organizational chart; lists of committees, consultants, officers, trust fund board, and library committee members; and information on gifts and bequests. Statistics are presented in 9 of the 15 appendices. (THC)

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Annual Report 1984 *of The Librarian of Congress*

for the Fiscal Year Ending September 30, 1984

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THE LIBRARY OF CONGRESS

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JOINT COMMITTEE ON THE LIBRARY, 98TH CONGRESS, 1ST SESSION

Senator Charles McC. Mathias, Jr., *Chairman*
Representative Frank Annunzio, *Vice Chairman*
Members of the Committee: Senators Mark O. Hatfield, John W. Warner, Dennis DeConcini, Daniel K. Inouye, Representatives Al Swift, William J. Coyne, Newt Gingrich, Pat Roberts. *Chief Clerk:* John Childers.

LIBRARY OF CONGRESS TRUST FUND BOARD

An act of Congress, approved March 3, 1925, as amended, created the Library of Congress Trust Fund Board, a quasicorporation with perpetual succession and all the usual powers of a trustee, including the power to "invest, or retain investments" and, specifically, the authority "to accept, receive, hold, and administer such gifts, bequests, or devises of property for the benefit of, or in connection with, the Library, its collections, or its services, as may be approved by the Board and by the Joint Committee on the Library" (2 U.S.C. 154–163).

A notable provision of the act (Section 2, last paragraph) permits endowment funds, up to a total limit of $10,000,000, to be treated as a perpetual loan to the United States Treasury, at an assured interest of at least four percent per annum. Public Law 94–289 makes possible a higher rate when national economic conditions so dictate.

Members of the Board on September 30, 1981: Donald T. Regan, Secretary of the Treasury; Senator Charles McC. Mathias, *Chairman of the Joint Committee on the Library;* Daniel J. Boorstin, Librarian of Congress, *Chairman and Secretary;* Mrs. Charles W. Engelhard, Jr. (*term expires March 9, 1985*); and Flora Laney Thornton (*term expires March 9, 1988*).

FORMS OF GIFTS OR BEQUESTS TO THE LIBRARY OF CONGRESS

Of MATERIAL

"To the United States of America, to be placed in the Library of Congress and administered therein by the authorities thereof."

OF MONEY FOR IMMEDIATE APPLICATION

General Gift: "To the United States of America, to be deposited with the Treasurer of the United States to the credit of the Library of Congress, subject to disbursement by the Librarian of Congress."

Specific Gift: "To the United States of America, to be deposited with the Treasurer of the United States to the credit of the Library of Congress, subject to disbursement by the Librarian of Congress in furtherance of [describe purpose which may be any specific purpose consistent with the general program of the Library of Congress]."

Example: Gift or bequest to the Library facsimile program—"To the United States of America, to be deposited with the Treasurer of the United States to the credit of the Library of Congress, subject to disbursement by the Librarian of Congress in furtherance of the Library facsimile program."

OF ENDOWMENTS OF MONEY, SECURITIES, OR OTHER PROPERTY

"To the Library of Congress Trust Fund Board, to be administered for the benefit of, or in connection with the Library of Congress, its collections, or its service."

NOTE.—Subject to federal statutes and regulations, gifts, bequests, or devises to the United States for the benefit of the Library of Congress, including those to the Trust Fund Board, and any income therefrom, generally are exempt from federal and District of Columbia taxes.

6

Officers of the Library

As of September 30, 1984

Daniel J. Boorstin, The Librarian of Congress
William J. Welsh, The Deputy Librarian of Congress
Donald C. Curran, The Associate Librarian of Congress

OFFICE OF THE LIBRARIAN

Janet Chase, Special Assistant to The Librarian
John Y. Cole, Executive Director, Center for the Book
John C. Finzi, Director, Collections Development Office
John J. Kominski, General Counsel
Marjorie R. Kulisheck, Executive Assignment and Classification Appeals Officer
Arthur J. Lieb, Executive Officer
Joseph M. Love, Personnel Security Officer
Adoreen M. McCormick, Legislative Liaison Officer
Jean B. Metz, Selection Officer
William H. Mobley, Principal Evaluations Officer
James W. McClung, Regulations Officer
John W. Rensbarger, Chief Internal Auditor
James R. Trew, Director, Library Environment Resources Office
Robert G. Zich, Director, Office of Planning and Development

NATIONAL PROGRAMS

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Arnold G. Bellefontaine, Executive Officer

American Folklife Center

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Raymond L. Dockstader, Deputy Director
Joseph C. Hickerson, Head, Archive of Folk Culture

Children's Literature Center

Sybille A. Jagusch, Chief

Educational Liaison Office

John Henry Hass, Educational Liaison Officer

Exhibits Office

William F. Miner, Exhibits Officer

Federal Library Committee

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Information Office

Nancy F. Bush, Information Officer

National Library Service for the Blind and Physically Handicapped

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Mary Jack Wintle, Assistant Director
Henry B. Paris, Jr., Chief, Materials Development Division
Mary Berghaus Levering, Chief, Network Division

Publishing Office

Dana J. Pratt, Director

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Catherine M. Croy, Assistant Executive Officer
Eugene Walton, Affirmative Action Coordinator
Stephen E. Bush, Safety Officer
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Charlene A. Woody, Assistant Director for Systems Development

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Buildings Management Division

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Central Services Division

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Bobby F. Dove, Assistant Chief

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William C. Myers, Accounting Officer
Edwin M. Krintz, Disbursing Officer

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Peter J. Watters, Counsel for Personnel
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Raymon A. Noble, Health Services Officer
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David D. Lombardo, Recruitment and Placement Officer
Sylvia Cooke Martin, Staff Training and Development Officer

Photoduplication Service

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Mary Ann Ferrarese, Assistant Chief for Bibliographic Services
Cy Brownstein, Assistant Chief for Technical Services

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John P. Hardt, Associate Director for Senior Specialists
Thomas W. Novotny, Associate Director for Management Studies
Elizabeth Yadlosky, Associate Director for Research, Analysis, and Multidisciplinary Programs
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Basil T. Owens, Assistant Director for Assignment, Reference, and Special Services
Susan C. Finsen, Coordinator of Management and Administrative Services
Edward Mason, Coordinator of Member and Committee Relations
James R. Price, Coordinator of Automated Information Services
James W. Robinson, Coordinator of Review

American Law Division

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Charles Doyle, Assistant Chief

Congressional Reference Division

Catherine A. Jones, Chief
Margaret E. Whitlock, Assistant Chief

Economics Division

Leon M. Cole, Chief
Roger S. White, Assistant Chief

Education and Public Welfare Division

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Earl Canfield, Assistant Chief

Environment and Natural Resources Policy Division

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(Vacant), Assistant Chief

Foreign Affairs and National Defense Division

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Louis C. Finch, Assistant Chief

Government Division

Frederick H. Pauls, Chief
Daniel P. Mulhollan, Assistant Chief

Library Services Division

Jack McDonald, Chief
Nancy A. Davenport, Assistant Chief

Science Policy Research Division

James M. McCullough, Chief
Gail H. Marcus, Assistant Chief

COPYRIGHT OFFICE

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Richard E. Glasgow, Assistant General Counsel
Michael R. Pew, Associate Register of Copyrights for Automation and Management Information Systems
Michael D. Burke, Copyright Systems Analyst
Waldo H. Moore, Associate Register of Copyrights for Special Programs
Mark A. Lillis, Attorney for Research Programs
Anthony P. Harrison, Assistant Register of Copyrights
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Donette S. Vandell, Administrative Officer
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David E. Leibowitz, Policy Planning Adviser
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Marybeth Peters, Policy Planning Adviser

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Raoul leMat, Assistant Chief

Examining Division

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Jodi Rush, Assistant Chief

Information and Reference Division

Winston Tabb, Chief
Joan Doherty, Assistant Chief

Licensing Division

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James P. Cole, Assistant Chief

Records Management Division

Ann L. Hallstein, Chief

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LaVerne P. Mullin, Executive Officer
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(Vacant), Head, Law Library Reading Room

European Law Division

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George E. Glos, Assistant Chief

Far Eastern Law Division

Tao-tai Hsia, Chief
Sung Yoon Cho, Assistant Chief

Hispanic Law Division

Rubens Medina, Chief
Armando González, Assistant Chief

Near Eastern and African Law Division

Zuhair E. Jwaideh, Chief
Anton Wekerle, Assistant Chief

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Donald P. Panzera, Assistant Executive Officer
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Imre Jármy, Assistant Chief

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James C. Armstrong, Assistant Chief
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(Vacant), Field Director, East Africa
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Ellis Gene Smith, Field Director, India
John C. Crawford, Field Director, Indonesia
(Vacant), Field Director, Japan
Eunice S. Gupta, Field Director, Pakistan

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Robert M. Hiatt, Assistant to the Director

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Melba D. Adams, Assistant Chief

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MARC Editorial Division

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Peter R. Young, Assistant Chief

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Shared Cataloging Division

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Hugo W. Christiansen, Assistant Chief

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David A. Smith, Chief

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Myrl D. Powell, Assistant Chief
Eugene T. Frosio, Principal Subject Cataloger

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(Vacant), Assistant to the Director

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Patricia S. Hines, Assistant Chief
Patrick S. Bernard, Principal Editor

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(Vacant), Customer Services Officer

Serial Record Division

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Linda K. Bartley, CONSER Operations Coordinator
Susan H. Riedel, Head, National Serials Data Program
Marian B. Abbott, Editor, *New Serial Titles*

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Elizabeth F. Stroup, Director for General Reference
(Vacant), Director for Special Collections
Carolyn H. Sung, Executive Officer
Theodore E. Leach, Automation Officer
Edward A. D'Alessandro, Special Assistant for Planning Management
Dorothy Denchy, Assistant Executive Officer

Performing Arts Library

Peter J. Fay, Head Librarian

Preservation Office

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Lawrence S. Robinson, Assistant Director for Preservation
Matt T. Roberts, Binding Officer
Bohdan Yasinsky, Preservation Microfilming Officer
Chandru J. Shahani, Research Officer
Peter Waters, Conservation Officer

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George N. Atiyeh, Head, Near East Section

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Chi Wang, Head, Chinese and Korean Section
Hisao Matsumoto, Head, Japanese Section
Louis A. Jacob, Head, Southern Asia Section

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(Vacant), Assistant Chief

Hispanic Division

Sara Castro-Klarén, Chief
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Dolores M. Martin, Editor, *Handbook of Latin American Studies*
Georgette M. Dorn, Specialist in Hispanic Culture and Head, Reference Section

General Reference

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(Vacant), Head, Collections Maintenance Section
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General Reading Rooms Division

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Judith P. Austin, Head, Local History and Genealogy Section
Gary D. Jensen, Head, Main Reading Room Section
Alan C. Solomon, Head, Microform Reading Room Section
Suzanne Thorin, Head, Research Facilities Section
James E. Stewart, Head, Social Science Reading Room Section
Margaret McGinnis, Head, Telephone Reference, Correspondence, and Bibliography Section

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Thomas D. Burney, Assistant Chief
Barbu Alim, Librarian in charge of Library Station in the Capitol
(Vacant), Head, Loan Reference Section
(Vacant), Head, Circulation Section

National Referral Center

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(Vacant), Assistant Chief
Staffan Rosenborg, Head, Publications Section
John A. Feulner, Head, Referral Services Section
Lloyd W. Shipley, Head, Resources Analysis Section

Science and Technology Division

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John F. Price, Assistant Chief
Karl R. Green, Head, Technical Reports Section
Constance Carter, Head, Science Reference Section
Geza T. Thuronyi, Head, Special Projects Section

Serial and Government Publications Division

Donald F. Wisdom, Chief
Bernard A. Bernier, Jr., Assistant Chief
Agnes Ferruso, Head, Government Publications Section
Frank J. Carroll, Head, Newspaper Section
Anthony J. Kostreba, Head, Periodical Section
Katherine F. Gould, Coordinator of Reference Service

Special Collections

Geography and Map Division

John A. Wolter, Chief
Ralph E. Ehrenberg, Assistant Chief
Richard W. Stephenson, Head, Reference and Bibliography Section
David K. Carrington, Head, Technical Services Section

Manuscript Division

James H. Hutson, Chief
(Vacant), Assistant Chief
John D. Knowlton, Head, Preparation Section, and Technical Officer
Paul I. Chestnut, Head, Reference and Reader Service Section

Motion Picture, Broadcasting, and Recorded Sound Division

Robert Saudek, Chief
Paul C. Spehr, Assistant Chief
Gerald D. Gibson, Head, Curatorial Section
Patrick Sheehan, Head, Documentation and Reference Section
Robert B. Carneal, Head, Laboratory Services Section
Harriet W. Harrison, Head, Processing Section

Music Division

Donald L. Leavitt, Chief
Jon W. Newsom, Assistant Chief
Elizabeth H. Auman, Head, Acquisition and Processing Section
(Vacant), Head, Reader Services Section

Prints and Photographs Division

Stephen E. Ostrow, Chief
Renata V. Shaw, Assistant Chief
Jerry L. Kearns, Head, Reference Section
Jerald Curtis Maddox, Collections Planner and Curator of Photography

Rare Book and Special Collections Division

William Matheson, Chief
Peter VanWingen, Head, Reference and Reader Services Section
Don C. Marcin, Head, Processing Section

COMMITTEE TO SELECT PRINTS FOR PURCHASE UNDER THE PENNELL FUND

Donald J. Saff, Michael Mazur, and Stephen E. Ostrow (ex officio)

PERMANENT COMMITTEE FOR THE OLIVER WENDELL HOLMES DEVISE

Daniel J. Boorstin, The Librarian of Congress, Chairman, ex officio
Stanley N. Katz, Princeton University
Paul Mishkin, University of California at Berkeley
Gerhard Casper, University of Chicago
James H. Hutson, Administrative Officer, Office of the Devise

Consultants of the Library

CONSULTANT IN POETRY IN ENGLISH

Robert Fitzgerald
(Reed Whittemore is serving as Interim Consultant, 1984–85.)

HONORARY CONSULTANTS

Literature of Magic

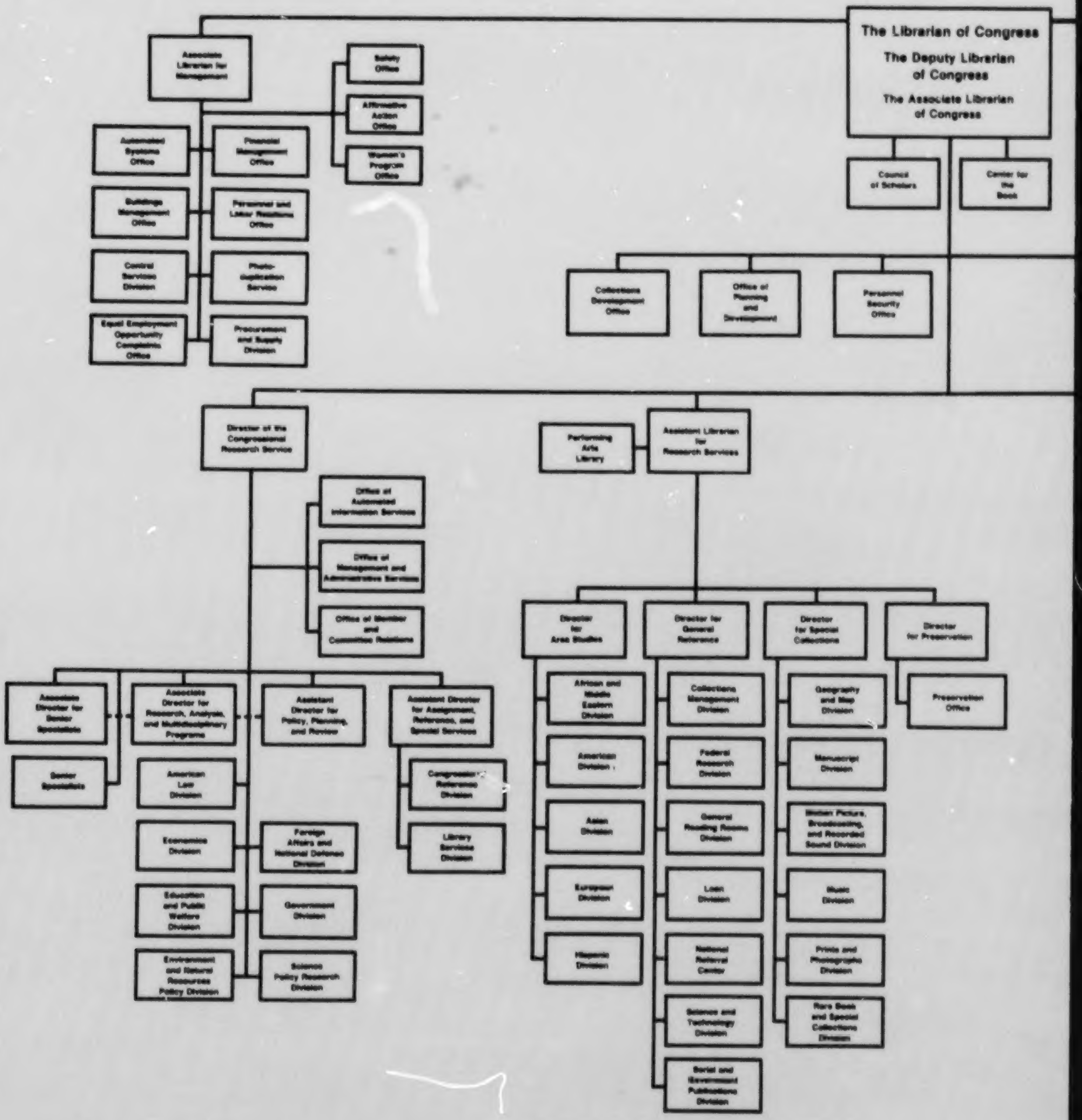
Morris N. Young

U.S. Cartographic History

Walter W. Ristow

Organization Chart

As of September 30, 1984


The Librarian of Congress
The Deputy Librarian of Congress
The Associate Librarian of Congress
Council of Scholars
Center for the Book
Collections Development Office
Office of Planning and Development
Personnel Security Office
Associate Librarian for Management
Safety Office
Affirmative Action Office
Women's Program Office
Automated Systems Office
Financial Management Office
Buildings Management Office
Personnel and Labor Relations Office
Central Services Division
Photoduplication Service
Equal Employment Opportunity Complaints Office
Procurement and Supply Division
Director of the Congressional Research Service
Office of Automated Information Services
Office of Management and Administrative Services
Office of Member and Committee Relations
Associate Director for Senior Specialists
Senior Specialists
Associate Director for Research, Analysis, and Multidisciplinary Programs
Assistant Director for Policy, Planning, and Review
Assistant Director for Assignment, Reference, and Special Services
American Law Division
Economics Division
Foreign Affairs and National Defense Division
Education and Public Welfare Division
Government Division
Environment and Natural Resources Policy Division
Science Policy Research Division
Congressional Reference Division
Library Services Division
Performing Arts Library
Assistant Librarian for Research Services
Director for Area Studies
Director for General Reference
Director for Special Collections
Director for Preservation
African and Middle Eastern Division
American Division ,
Asian Division
European Division
Hispanic Division
Collections Management Division
Federal Research Division
General Reading Rooms Division
Loan Division
National Referral Center
Science and Technology Division
Serial and Government Publications Division
Geography and Map Division
Manuscript Division
Motion Picture, Broadcasting, and Recorded Sound Division
Music Division
Prints and Photographs Division
Rare Book and Special Collections Division
Preservation Office

, The American Division will be created when adequate funds are available.

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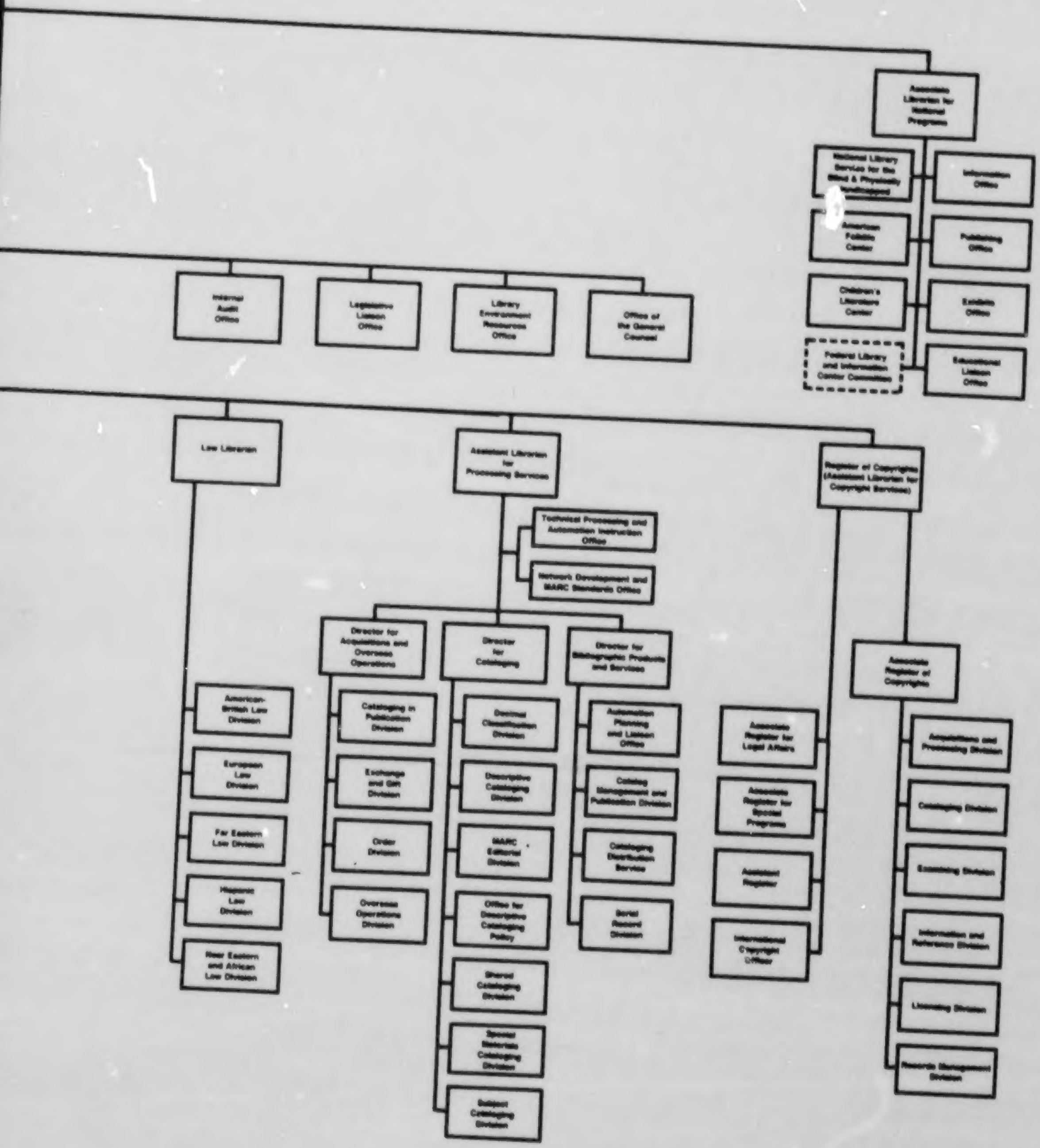
Associate Librarian for National Programs
National Library Service for the Blind & Physically Handicapped
American Folklife Center
Children's Literature Center
Federal Library and Information Center Committee
Information Office
Publishing Office
Exhibits Office
Educational Liaison Office
Internal Audit Office
Legislative Liaison Office
Library Environment Resources Office
Office of the General Counsel
Law Librarian
American-British Law Division
European Law Division
Far Eastern Law Division
Hispanic Law Division
Near Eastern and African Law Division
Assistant Librarian for Processing Services
Technical Processing and Automation Instruction Office
Network Development and MARC Standards Office
Director for Acquisitions and Overseas Operations
Cataloging in Publication Division
Exchange and Gift Division
Order Division
Overseas Operations Division
Director for Cataloging
Decimal Classification Division
Descriptive Cataloging Division
MARC Editorial Division
Office for Descriptive Cataloging Policy
Shared Cataloging Division
Special Materials Cataloging Division
Subject Cataloging Division
Director for Bibliographic Products and Services
Automation Planning and Liaison Office
Catalog Management and Publication Division
Cataloging Distribution Service
Serial Record Division
Register of Copyrights (Assistant Librarian for Copyright Services)
Associate Register for Legal Affairs
Associate Register for Special Programs
Assistant Register
International Copyright Officer
Associate Register of Copyrights
Acquisitions and Processing Division
Cataloging Division
Examining Division
Information and Reference Division
Licensing Division
Records Management Division

Letter of Transmittal

The President of the Senate
The Speaker of the House of Representatives

SIRS:

It is my privilege to submit this report of the activities of the Library of Congress, including the Copyright Office, for the fiscal year ending September 30, 1984. It is accompanied by a copy of the annual report of the Library of Congress Trust Fund Board.

DANIEL J. BOORSTIN
The Librarian of Congress

LIBRARY OF CONGRESS
Washington, D.C.

Introduction

An annual report for the year 1984 can hardly avoid some passing reference to George Orwell's novel *1984*. The Library of Congress paid its respects to Orwell and to the (possibly temporary) public fascination with his most famous book with a two-day conference April 30/May 1. Beyond that, so far as the Library is concerned, the parallels between the book and the year do not seem particularly apropos. The technologically oriented society depicted in Orwell's book is fixed and definite, with only the slightest opportunities for freedom of thought and action and personal initiative, and these few systematically suppressed. The Library of Congress in 1984, on the other hand, was a beehive of intellectual activity, the year witnessing the culmination of years of planning in some projects and the initiation of new ventures likely to have long-lasting impact upon the Library's physical condition, its services, its procedures, and its collections.

TECHNOLOGY AND SERVICES

The year 1984 and Orwell's *1984* have possibly one thing in common: widespread use of technology. A continuing trend in the Library, amply substantiated in the following report, is increasing use of technology in performance of the Library's missions and services.

Of these, service to Congress is the Library's first priority. In 1984 the Congressional Research Service experienced a 6 percent increase in its workload, completing more than 440,000 research assignments for the Congress. To meet this record demand, CRS relied even more heavily than in the past upon technological improvements, particularly the widespread introduction of microprocessors to the staff, who were trained in the use of electronic spreadsheets and data management systems. Inclusion of CRS reference centers and research divisions in the Electronic Mail System network of the House Information Systems improved efficiency. The Service produced thirty-six new programs for the House of Representatives cable television system and twenty-three new Audio Briefs on cassette tapes. The CRS Selective Dissemination of Information service was expanded to reach nearly a thousand subscribers.

A special application of technology to library problems is the Optical Disk Pilot Program, described in last year's report. In 1984 the Library appointed an outside advisory committee of publishers and librarians under the chairmanship of the Deputy Librarian. The committee, which held its first meeting in November 1983, will advise the Library administration on the pilot program and function as liaison to the important communities which its members represent. During the year a public station was established in the Prints and Photographs Reading Room, providing readers with access to images from pictorial collections through the application of laser disk technology.

Optical disk technology preserves library materials by converting their contents into a format that can be made accessible more widely and without damage to the originals. To preserve library materials in their original formats, the Library has for many years sought to develop a procedure for the mass deacidification of paper. These efforts culminated on September 28, 1984, when the President signed into law P.L. 98–427, S. 2418, authorizing construction of a Mass Book Deacidification Facility at Fort Detrick, Maryland. P.L. 98–396, H.R. 604, appropriated $11.5 million for construction of the facility. It is anticipated that the facility will be operational by 1987.

The Copyright Office, at the request of appropriate congressional committees, sponsored a symposium on copyright and new technologies. And in March 1984 specialists in five cities participated in a teleconference on computers and copyright by means of satellite-transmitted video and audio connections. The Copyright Office also devoted a great deal of time and energy this year to assisting Congress in developing legislation to provide copyright protection for semiconductor computer chips, which may cost manufacturers millions of dollars to develop. The Semiconductor Chip Protection Act of 1984 received final approval from the Congress just after the close of the fiscal year.

The National Programs department extended the Library's services to diverse additional publics, among them blind and physically handicapped individuals, specialists in children's literature, folklorists, the broadcasting community, the press, federal librarians, visitors to the Library, and many others.

CATALOGING

No Library of Congress activity has become more reliant upon technology in its everyday routines than cataloging. Total Online Searching for Cataloging Activities (TOSCA) was described in last year's report. In 1984 the Processing Services department, partly because of the TOSCA approach, achieved an overall increase in many of its activities. Fully cataloged titles emerging from the cataloging "stream" increased 12 percent. Descriptive cataloging increased 26 percent; new name authority records rose 97 percent; and titles given minimal-level cataloging, 32 percent. The Cataloging in Publication Division achieved an 11 percent increase in the number of new entries prepared for participating publishers and managed to reduce processing time for the average title to 6.5 working days. There was also a 17 percent improvement in efficiency of serial titles cataloging.

Another major landmark was online input/update capability for the Geography and Map Division's computer-assisted map cataloging program (MARC Maps).

ACQUISITIONS

Among the many noteworthy additions to the Library's special collections in fiscal 1984, two seventeenth-century printed globes—one terrestrial and one celestial—by Vincenzo Coronelli are of particular importance. Over three and a half feet in diameter and resting in their original mahogany stands, the globes make the Geography and Map Division's collection of Coronelli's output virtually complete.

A major addition to the Library's resources in the performing arts this year was the Serge Lifar collection of materials relating to the life and work of Sergei Pavlovich Diaghilev. The collection includes Diaghilev's working library of music scores as well as letters, notes, set designs, and various other items. The collection is sufficiently extensive to provide a detailed view of the great choreographer's artistic accomplishments.

Fiscal 1984 also saw the addition to the Library's rare book collection of the greatly sought-after 1501 edition of Virgil's works printed by Aldus Manutius. The Aldine Virgil represents both the first small-format edition of a classic text and the first book set entirely in italic type.

Because of the dollar's strong position relative to other currencies, the Library was able to purchase additional materials from sources abroad. Efforts to acquire items from foreign exchange partners also met with considerable success. An outside consultant completed an analysis of current acquisitions practices and procedures, a three-volume report that will aid Processing Services in planning for the future automation of these activities.

LIBRARY BUILDINGS

With occupancy of the Madison Building complete, attention turned to the Adams and Jefferson buildings, long known to be in need of restoration and renovation. Years of thought and planning culminated when Congress enacted P.L. 98–396, H.R. 6040, which included an appropriation of $81.5 million to the Architect of the Capitol for restoration and renovation of the two older buildings. Work was to begin almost immediately and to continue through fiscal 1990 and beyond. This ambitious project, when completed, will enable the Library to offer the finest and most complete library service in the world.

PERSONNEL AND STAFF ACTIVITIES

Several high-level managerial positions were filled in 1984. Henriette D. Avram was appointed Assistant Librarian for Processing Services, Mary S. Price was named director for bibliographic products and services, and Robert C. Sullivan, director for acquisitions and overseas operations. Dorothy Gregor, formerly assistant librarian for technical services at the University of California, Berkeley, became chief of the Shared Cataloging Division, all in Processing Services.

In Research Services three new chiefs were appointed, all new to the Library. Television pioneer Robert Saudek, founding president of the Museum of Broadcasting, was named chief of the Motion Picture, Broadcasting, and Recorded Sound Division. Sara Castro-Klarén, former chairman of the Department of Spanish and Portuguese at Dartmouth College, became the fifth chief of the Hispanic Division in its near-fifty year history. And Stephen E. Ostrow, recently executive director of the Portland (Oregon) Art Association, was appointed chief of the Prints and Photographs Division.

A Hispanic employment program coordinator was appointed in December to help the Library increase the number of Hispanic applicants for its positions. The Library also established the position of part-time handicapped program coordinator, with responsibility for improving services for handicapped staff members.

Five Library of Congress officers visited China in May and June as guests of the National Library of China. The delegation was led by the Deputy Librarian and included visits to libraries in Beijing, Wuhan, Shanghai, Hangzhou, and Guilin. Lectures were given and seminars conducted on such topics as preservation, management, automation, collections, and services.

CONCLUSION

In George Orwell's 1984 "the mutability of the past" is a central tenet of the society he depicts. Works of nonfiction are continually revised at the so-called Ministry of Truth, and new fictional works are composed by machines according to standards set by the Party. Not so at the Library of Congress. In the Copyright Office, for example, where intellectual property is registered for protection against misuse, activity is at an all-time high, with annual registrations passing the half-million mark and total registrations, from 1790 through 1984, standing just under twenty million.

In other respects the Library seeks to preserve the wisdom (and folly) of the past in virtually whatever form it is recorded, an ambitious and sometimes daunting task. The report that follows indicates ways the Library has adopted to meet this challenge and those that derive from it in behalf of its many constituencies: the Congress, federal agencies, the blind and physically handicapped, the legal community, the nation's libraries, individual scholars the world over, and the ordinary citizen who needs direct or indirect assistance from his national library.

The wonder is not that it could be done better at times. The wonder is that it can be done at all.

1

Administration

OFFICE OF THE LIBRARIAN

Renovation and Restoration of the Thomas Jefferson Building and the John Adams Building

Included in Public Law 98–396, H.R. 6040, an act making supplemental appropriations for fiscal 1984, was an appropriation of $81.5 million to the Architect of the Capitol for restoration and renovation of the Thomas Jefferson and John Adams buildings. The act was signed into law by the President on August 22. The restoration and renovation work will result in the architectural and artistic features of both buildings being restored and preserved. In addition, a number of major mechanical, electrical, fire, and safety improvements will be undertaken, with the Jefferson Building in particular undergoing extensive restoration.

Work will begin in fiscal 1985 and continue in two phases over a period of more than five years. During the first phase approximately one-half of the buildings, not including bookstacks, will be vacated and renovation work will begin. That phase will take approximately two and one-half years, after which the renovated half will be readied for occupancy by staff and for use by readers and visitors. After a transition move-in period, the second phase of renovation will begin with the remaining half of the buildings and will also take approximately two and one-half years.

Upon completion of the work, the Thomas Jefferson Building, which first opened in 1897, will contain a renovated Main Reading Room with additional seating, an enlarged Computer Catalog Center, a completely equipped Microform Reading Room, a new Humanities Reading Room, and an American Reading Room. The European Division, including its own reading room, will be located on the second floor, and a new and fully equipped Congressional Reading Room will be located on the street level floor.

The highly decorative areas on the west front first and second floors will be completely restored to their original grandeur and used for exhibitions, the Council of Scholars, and the Research Services department office. Three pavilions will honor former Librarians of Congress Herbert Putnam, Archibald MacLeish, and Luther Evans. Opposite the Rare Book and Special Collections Division, a renovated room will honor Lessing J. Rosenwald, the Library's rare book benefactor, and across from the restored Coolidge Auditorium a new music room will be dedicated to George and Ira Gershwin.

The entire top floor of the John Adams Building, opened in 1939, will be devoted to serving the public. It will contain a renovated Social Science Reading Room and a Science Reading Room, with a fully equipped Computer Catalog Center located between them. Around the perimeter of that floor will be over a hundred study rooms for temporary assignment to visiting scholars. Elsewhere in the Adams Building there will be newly outfitted reading rooms for African and Middle Eastern studies and Asian studies.

Upon completion, the Library of Congress three-building "multimedia encyclopedia" on Capitol Hill will offer the finest, most complete library services available anywhere to the Congress, the nation, and the world of scholarship.

Mass Book Deacidification Facility

On September 28 the President signed into law Public Law 98–427, S. 2418, an act authorizing and directing the Librarian of Congress to proceed with construction, operation, and maintenance of a Mass Book Deacidification Facility. Funding of $11.5 million for the design and construction of the facility was included in the 1984 first supplemental appropriation act.

After many years of research and experimentation, the 1984 authorization and funding made mass deacidification of books a reality. Completion of this facility will allow diethyl zinc treatment of the Library's collections, extending their useful life for hundreds of years. The facility will be capable of handling up to one million items from the collections a year. During 1984 NASA's Goddard Space Flight Center continued with small-scale experiments designed to produce information about the deacidification process and how the plant facility should be designed. Successful experimentation was carried out to determine the optimum amount of zinc oxide required in the paper, to identify optimum drying times, to develop appropriate instrumentation that could follow the treatment process and measure water content in the paper, and to determine the best distillation rate for introducing diethyl zinc into the chamber.

Fort Detrick in Frederick, Maryland, was selected as the site for the facility, and formal site approval was obtained from the Department of the Army.

An architectural and engineering design firm was selected to design the facility, and the Baltimore District Army Corps of Engineers was designated to oversee the building design and construction as well as thermal/vacuum systems procurement, installation, and testing.

The facility is expected to be operational in 1987.

Optical Disk Pilot Program

On June 15 the Library of Congress opened in the Prints and Photographs Reading Room its first public laser disk reader station. The event marked a major stride toward completion of a three-year experiment, begun in September 1982, in the use of laser disk technology to preserve the Library's collections and speed their delivery to patrons. The print portion of the project was to supply advanced technology in the form of digital optical disk equipment and related software for capturing high-resolution black-and-white images (including halftones) of printed materials from the Library's collections. The nonprint portion was to supply standard, commercially available analog videodisk equipment for display of color images of pictorial Library materials, which would also be placed on disk. In addition, two compact audiodisks of concerts recorded in the Library's Coolidge Auditorium are to be made.

The Library selected material to be put on disk and developed software to connect the new systems to existing equipment. During 1984 virtually all of the equipment in the contract has arrived and been put into operation. For the digital optical disk project, the Library now has a high-resolution scanner which in .7 seconds records digitally a full-page scan of 300 points per inch both horizontally and vertically. It also has many 12-inch gigabyte blank optical disks capable of holding 10,000–15,000 pages of digitized images, as well as the disk drives to create and read them. Other equipment includes a "jukebox" capable of holding 100 disks, or the equivalent of up to 1.5 million pages. Each page may be recalled by the patron in less than a minute. Eight high-resolution terminals, which permit patrons to read even four-point type, will serve for the display of documents and as centerpieces, beginning early in 1985, for six reader stations in four public reading rooms and the Congressional Reference Division. Two Xerox 2700 and one Xerox 5700 laser printers will make copies of images on the disk. Finally, there is a microfiche scanner for conversion of film microimages to digitized images on disk.

The Automated Systems Office has overseen the installation of this equipment and was busy at work at year's end completing systems-acceptance testing. Preservation Office staff had scanned and put on disk several thousand pages, mainly a sampling from the periodical articles and government documents which will go on disk in phase one. Phase one items will be accessible through use of the bibliography file in the Library's online retrieval system. All pages of 1983, 1984, and 1985 issues of more than seventy periodical titles will go on disk in phase two. Later disks will receive the images of a selection of maps, printed sheet music, manuscripts, and legal publications. Machine-readable records in a special online file will describe and make accessible these materials.

The pilot program has been a subject of keen interest in the library and publishing communities. In order to benefit from their advice, the Library formed the Library of Congress Optical Disk Advisory Group. The group met three times to consider such matters as a workable relationship between the private and public sectors in optical disk work and the need, if any, for securing licenses from and paying royalties to copyright holders of materials put on disk. The group submitted draft preliminary recommendations in September.

The analog (nonprint) videodisk project made equal progress. By the end of the year, the Library had acquired the two videodisk players and monitors and the microcomputer for which it had contracted and which were to go into the Prints and Photographs Reading Room and the Motion Picture and Television Reading Room. Five of the six videodisks and the two compact audiodisks have been made. At the new videodisk station, readers have access to the first of two disks, which contains excellent electronic reproductions of color slides, political posters, photo albums, lantern slides, and architectural renderings. Materials on the disks are accessible through use of disk frame numbers and through a menu system created by Library staff and imbedded on the disk. Staff had begun work on a third level of bibliographic access, one providing a full description, in machine-readable form, of almost every image on the disk. The third level will enable users either to browse through images and retrieve associated bibliographic records or browse through bibliographic records and retrieve associated images.

The Deputy Librarian of Congress

William J. Welsh, the Deputy Librarian of Congress, received an honorary degree of doctor of laws from the University of Notre Dame at the university's commencement exercises on May 20. At the invitation of the National Library of China, the Deputy Librarian led an official delegation that visited libraries in Beijing, Wuhan, Shanghai, Hangzhou, and Guilin and met with some eight hundred Chinese librarians to discuss developments in American librarianship. The delegation included Henriette D. Avram, Assistant Librarian for Processing Services; John C. Broderick, Assistant Librarian for Research Services; Tao-tai Hsia, chief of the Far Eastern Law Division; and Warren Tsuneishi, director for area studies, Research Services.

The visit to China was in accordance with the Cultural Exchange Agreement of 1979, and specifically in keeping with the third Implementing Accord to the agreement, signed by President Reagan during his visit to China early in 1984, which called upon China and the U.S. "to facilitate the exchange of personnel, publications, and library materials between the Library of Congress and the National Library of China."

Center for the Book

The Center for the Book continued its program of symposia, lectures, projects, and publications. Its National Advisory Board met in April to discuss the topics of technology, reading, and the role of the book in the future. The Executive Committee's major concerns during the year were programs and fund raising. During the year the Center for the Book received contributions from sixty-nine donors totaling nearly $195,000.

On November 19 the Congress approved a Concurrent Resolution instructing the Librarian of Congress, with the help of the Center for the Book, to report to the Congress on the state of the book and its probable future.

The Executive Committee approved the center's cooperation in the establishment of a Florida Center for the Book, based at the Broward County Library. The Library of Congress/CBS Television "Read More About It" project launched its sixth season in 1984. Since it started more than eighty stars of major CBS television specials and other celebrities have presented thirty-second reading messages in connection with the shows. This year the project was expanded to include messages during football, basketball, and tennis broadcasts. With help from Library subject specialists, the center also prepared "Read More About It" messages to accompany major Library exhibitions.

In September Cap'n O. G. Readmore, the center's animated reading promotion personality developed with ABC Entertainment, began cohosting ABC Television's Saturday Weekend Specials. Four new thirty-second reading messages featuring Cap'n O. G. were developed during the year. He also is featured in a popular new children's book, *The Adventures of Cap'n O. G. Readmore*, published by Scholastic, Inc.

Council of Scholars

Established in 1980, the Council of Scholars is a group of some twenty-five distinguished scholars, expert in the arts, humanities, sciences, and public affairs, which meets periodically to advise the Librarian on ways to strengthen relations between the Library and the world of scholarship. The council also surveys the Library's collections to ensure that they can support the most ambitious scholarly activity in all fields, deliberates on large issues in the world of ideas, and prepares an inventory of knowledge of these issues.

During the year the council continued its examination of the subject of work, the second topic in its inventory of knowledge. At its fall meeting, December 2–3, discussion focused on the work of the scientist, specifically that of the theoretical physicist. Nobel Prize winner Steven Weinberg of the University of Texas introduced the topic and presented a paper, "Beautiful Theories," which suggested various approaches to it.

In April the council concluded its examination of work by sponsoring a two-day symposium on the topic. Prof. Robert Heilbroner of the New School for Social Research presented the opening lecture, "The Act of Work." At the session on comparative work ethics Jaroslav Pelikan of Yale University presented a paper entitled "Judeo-Christian Work Ethics," Joseph Kitagawa of the University of Chicago spoke on the topic "Eastern Work Ethics," and Sayyed Hossein Nasr of Temple University spoke on "Islamic Work Ethics." Dean Mary Catherine Bateson of Amherst College was the commentator. A session on aspects of work today included the following papers: Prof. Michael Maccoby, Project on Technology, Work, and Character, "The Changed Meaning of Work"; Prof. Ruth Cowan, SUNY, Stony Brook, "Time's Arrow Makes the Difference: The Inequality of Men's and Women's Work"; and Prof. Theodore Caplow, University of Virginia, "The Division of Leisure in Contemporary Society." Prof. Nathan Glazer of Harvard was the commentator. Publication of selected symposium papers is planned.

New council members selected during the fiscal year for two-year terms beginning in October 1984 are Dr. Simon Ramo, president of TRW; Prof. Gertrude Himmelfarb, CUNY; Prof. Cleanth Brooks, Yale University; Prof. Robert Heilbroner, the New School for Social Research; Prof. Joseph Kitagawa, University of Chicago; and Justice Potter Stewart of the Supreme Court of the United States.

Collections Development Office

The Collections Development Office launched a series of Seminars on Foreign Acquisitions to review, assess, and discuss current Library policies and goals and to explore the extent to which these policies meet the Library's needs. The identification of problems and the planning for their resolution have been an equally important part of this effort. Participants in this review included subject and area specialists from Research Services and the Law Library, representatives from Processing Services, and the staff of the Collections Development Office. Seven seminars were held during the year covering all of Europe, Central America, the Caribbean area, Japan, North and South Korea, East Africa, and part of South America. There was general agreement that the Library's current policies are adequate and do not require immediate revision.

The necessary selectivity must depend, ultimately, on the expertise, judgment, and bibliographic knowledge of the selection and recommending officers.

Three new acquisitions policy statements, prepared in coordination with subject specialists throughout the Library, were presented to the Acquisitions Committee, approved by the Deputy Librarian, and distributed to the staff. The new statement covering religion encompasses works of research value on the philosophy, history, law, liturgy, and organization of religion, on the relationship between religion and society, and on related trends and developments. In the statement on local history, the Library assumes responsibility for maintaining comprehensive coverage of United States history, including general histories of counties, cities, and towns and publications which contribute to the study of national events or to historical, genealogical, or iconographic research.

The rapid increase of publishing in machine-readable formats, a large percentage of which are now being received as copyright deposits, pointed to the urgent need to formulate a workable policy for the selection and addition to the collections of these materials. An Ad Hoc Committee on Selection Policy for Machine-Readable Materials investigated this complex problem, prepared a study report for the Deputy Librarian, and provided the groundwork for the Collections Development Office to proceed to the formulation of the needed guidelines. The new Acquisitions Policy Statement on Machine-Readable Materials provides that in selecting and acquiring these materials for its collections, the Library will apply the same criteria as to printed or microformatted materials. Because of the rapidly developing technology in the field, this policy statement will be revised and updated periodically in response to changing needs and Library requirements.

The Library had at its disposal sufficient funds to make a number of significant purchases of rare materials long desired for the Library's collections, particularly in the fields of music, art, rare books, and cartography. The Collections Development Office framed and coordinated with the appropriate Research Services divisions the plans for expanded acquisitions and witnessed, in this area, one of the most fruitful years in the history of the Library.

Collections Development Office Guidelines provided instructions for making recordings for the Archive of World Literature on Tape. Detailed procedures are given for recording outstanding foreign literary figures who visit the Library and read their own works, and for recording overseas with the cooperation of U.S. diplomatic posts and the Library's own field offices.

A major project involved the office's overall direction and coordination of the reselection of descriptive arrearages, which had grown to approximately 250,000 volumes. A detailed profile of the categories of materials no longer needed by the Library was provided to the fifty recommending officers of Research Services and the Law Library. By the end of the year reselection of the descriptive cataloging portion of the arrearages was essentially complete. Of the nearly 80,000 volumes reviewed, 15 percent were discarded and a slightly larger number were transferred to divisional files or other institutions, primarily the National Agricultural Library and the National Library of Medicine. The remaining 54,000 volumes were earmarked for retention and will, in most cases, be given minimal-level cataloging before being added to the collections.

Of particular note was the preparation of guidelines for increased microformatting of materials acquired by the overseas offices. Since a substantial number of these materials are printed on poor-quality paper, almost all newspapers, gazettes, and government documents from South and Southeast Asia will be converted to microform in the New Delhi office and added to the collections in that form only. The first phase of a joint venture with Research Publications to preserve the Library's large U.S. city directories collection was completed with the filming of the directories for eleven of the largest cities, 1902–35. Work was initiated on filming the directories of forty-eight additional cities for the same period.

The director of the Collections Development Office continued to represent the Library on the

Collection Management and Development Committee of the Research Libraries Group and was appointed as the Library's representative to a standing committee on collection development of the Association of Research Libraries.

Office of the General Counsel

In 1984 the legal status of materials in the collections was a matter of considerable concern to the office. Accessioned materials not in the Library's possession, deposits not converted to gift, and transfers of materials without authority to transfer are a few of the problems that surfaced this year.

The status of materials in the Historic American Buildings Survey and the Historic American Engineering Record has been a legal concern ever since the collections were deposited by the National Park Service. This year the National Park Service, National Archives and Records Service, the American Institute of Architects, and Library of Congress reached an agreement which acknowledges the Library as a more appropriate repository because the records are still in active use by scholars and researchers and are continuing in nature.

Counsel clarified the service and reproduction rights in the *Look* Magazine Collection. The donor of the collection, Cowles Communications, gave all of its interest to the Library, including its copyright interest, which means that these photographs are in the public domain except for interests that may be held by the photographers themselves. With that legal impediment removed, the Library is able to reconsider its previous decision to close the collection.

Twice during the past year the Library was asked to indemnify others because of uses made of materials in the collections. In one case the requester was merely looking for the Library's permission to publish materials from the Thomas A. Edison Papers, which were considered to be in the public domain. In such case no permission is necessary. The question of indemnification came up again when RKO General, Inc., gave the Library the WOR–AM Radio Archive. Counsel again advised against the gift instrument containing such language.

Periodically decisions are requested on whether certain phonograph or tape recordings in the collections can be copied for use by others. To ensure uniformity in the advice given, a policy guide covering such situations and requests was developed. In responding to a request to copy the Library's Jelly Roll Morton recordings, the Motion Picture, Broadcasting, and Recorded Sound Division used the guide to determine that the Library received the Morton recordings only for the purpose of preserving them, and, accordingly, any copying should be consistent with that purpose only.

While formal opinion requests rose to 340, the third highest total in the history of the office, the number of new lawsuits filed against the Library decreased—twelve as compared to thirteen in the previous year. Twenty cases were disposed of as compared to twelve in 1983, and twelve cases were pending at year's end, down from twenty in 1983.

In a decision of major import, Judge Barrington D. Parker of the United States District Court for the District of Columbia ruled that the Library had violated the constitutional rights of a former employee (*Keeffe v. Boorstin*, Civ. No. 82–0291, D.D.C. May 16, 1984). The employee attended the 1980 Democratic convention as a delegate despite being advised not to do so by her supervisor on the basis of a Library of Congress Regulation and a legal opinion by the General Counsel's Office that the employee's attendance would create a possible conflict of interest.

The Court held that the interpretation and application of the Library of Congress Regulation were unconstitutionally vague in that they did not give a person of ordinary intelligence a reasonable opportunity to know in advance what conduct would be prohibited. The Library requested the Department of Justice to initiate an appeal. The Solicitor General determined that an appeal on the merits would be presented to the United States Court of Appeals for the District of Columbia.

In another decision United States District Court Judge Thomas Penfield Jackson dismissed five cases filed by a Library employee and awarded the Library's attorney's fees in two of the employee's previous cases, accepting the Library's arguments that the suits were frivolous, vexatious, or harassing.

Office of Planning and Development

The two major concerns of the Office of Planning and Development this year were the Optical Disk Pilot Program and a survey of Library users requested by the House Subcommittee on Legislative Appropriations. For the pilot program the office was responsible for planning and contracting for the research to be done on system users, handling correspondence with copyright holders from whom the Library was seeking permissions, and creating and coordinating program publicity. The user survey required definition of a plan, development of the survey itself, and collection of data. By year's end several questionnaires had been printed and distribution to Library users had begun.

The office's projections on future space needs indicated that there is adequate space for the collections until the year 2000.

Based on several months of analysis, the office prepared a study of the speed and comprehensiveness of recent acquisitions of books reviewed in British and American periodicals. The findings revealed that although sometimes slow in acquiring needed items, the Library ultimately did receive the most important titles.

The staff of the office continued, completed, or participated in projects that dealt with the security of materials, automation of the Serial Record, serials claiming, acquisition of small press publications, and public service.

Library Environment Resources Office

As part of a special appropriation to replace old furnishings still remaining in the James Madison Memorial Building, the Law Library was completely refitted with new furnishings and replacement work was initiated for offices in Research Services. Hundreds of modifications to work space, mostly in the Madison Building, were made as a result of organizational and operational changes, and collections shifts continued in the stack areas of the two older buildings. Special projects included setting up an Optical Disk Project Center in the Automated Systems Office (ASO) Computer Room and workstations in all three Library buildings; completion of a command center for the ASO Computer Room, a CRS audiovisual studio, and a special vault for the Library's flute collections; design and installation of the Copyright Office In-Process System (COINS); relocation of the Personnel Security Office and transfer of the Science and Technology Division's collection of hard-copy technical reports to the fourth floor of the Adams Building.

The Library Environment Resources Office coordinated a review of the September 1983 construction drawings and specifications for the renovation/restoration of the older Library buildings and forwarded necessary revisions to the Architect of the Capitol. The office began semiweekly meetings with the Architect of the Capitol's Construction Management Division in May, establishing agency task forces for the project and defining areas of responsibility and points of contact. Internal planning procedures for interim occupancy were established and working groups began preparing drawings. With funding approved in fiscal 1983, the Architect of the Capitol began restoration of the Jefferson Building's west terrace and steps. Functional systems for the Adams and Jefferson sprinkler installation were 91 percent complete at the end of September. The office also coordinated plans for construction of the Mass Book Deacidification Facility.

By the end of the fiscal year, the General Services Administration had completed a fire safety survey of the Taylor Street Annex but still had not set a beginning date for renovation of the building. Technical design problems associated with plans for constructing cold storage film vaults in bay 4 at the Landover Center Annex were resolved and procurement of materials was initiated late in the year. The new shipping and receiving facility for the film vaults at Wright-

Patterson Air Force Base was completed, although some of the work was not in compliance with building codes and must be redone. An additional 5,000 square feet of space assigned to the Federal Research Division at the Navy Yard was preempted by the General Services Administration, adversely affecting that division's ability to carry out its mission. The Library expanded its storage capacity at National Underground Storage in Pennsylvania, occupying a newly developed private record center capable of housing 6,048 cubic feet of records.

Congressional Liaison

In 1984 the Library of Congress, exclusive of the Congressional Research Service, responded to 23,733 requests from Congress, and the Loan Division processed 39,032 congressional book loan requests.

On July 17 the President signed into law P.L. 98-367, H.R. 5753, an act making appropriations for the legislative branch for fiscal 1985, including funds for the operation of the Library of Congress in the amount of $236,010,000. Included in this appropriation were $137,492,000 for salaries and expenses, Library of Congress; $39,833,000 for the Congressional Research Service; $17,102,000 for the Copyright Office; $36,592,000 for Books for the Blind and Physically Handicapped; $3,318,000 for the collection and distribution of library materials under the Special Foreign Currency Program; and $1,673,000 for furniture and furnishings.

Public Law 98-392 was signed into law by the President on August 21. This law authorized $838,549 in appropriations for the American Folklife Center for fiscal 1985 and $867,898 for fiscal 1986.

On August 22 the President signed into law P.L. 98-396, H.R. 6040, an act making supplemental appropriations for the fiscal year ending September 30, 1984. The act included appropriations for restoration and renovation of the Thomas Jefferson and John Adams buildings and for the design and construction of a Mass Book Deacidification Facility.

The President signed into law Public Law 98-427, S. 2418, on September 28. The act authorizes the construction, operation, and maintenance of the Mass Book Deacidification Facility.

S.Con.Res. 59, authorizing the Librarian of Congress to study the changing role of the book in the future, was agreed to on November 18. A planning meeting of the Joint Committee on the Library was held on March 5. Progress reports on restoration and renovation of the Library of Congress Thomas Jefferson and John Adams buildings and on the Mass Book Deacidification Facility were submitted to the committee. A number of legislative matters affecting the Library were discussed during the year. Reports were submitted on draft legislation concerning the Mass Book Deacidification Facility, reauthorization of the American Folklife Center, and the Library of Congress Special Police Pay Equity Bill. There was a discussion on S. 192, a bill to amend statutes relating to the Talking Books Program to include mentally handicapped persons. The Library submitted a report on fiscal implications of expanding the service to include the mentally handicapped and learning disabled. There was also a discussion on naming the Madison Congressional Reading Room the La Follette Congressional Reading Room and the committee concurred with this designation. The committee approved a request by the Congressional Research Service for eight supergrade positions.

Internal Audit Office

Seven internal audit reports were issued during the year. These included a report on advisory evaluations of gifts and deposits, an audit of the Nitrate Film Conversion Program, a review of the American Folklife Center, and an audit of the Lenora Jackson McKim Fund.

A report on the evaluation of gifts and deposits concluded that evaluation methods appeared to comply with regulations promulgated by the Internal Revenue Service. The current system of preliminary evaluation review by the principal evaluations officer, with final approval of evaluations over $1,500 by the Evaluations Committee, was considered to be effective. The report recommended improvements in committee documentation, management controls, cost efficiency, and record keeping. An audit of the Nitrate Film Conversion Program recommended better long-range planning, improved coordination of interrelated functions, and establishment of a management control system.

A review of American Folklife Center operations evaluated the management methods and controls used by the center in meeting program objectives and goals. It was recommended that the center improve its long-range planning and formalize more of its policies. An audit of the McKim Fund resulted in recommendations for stricter interpretation of the fund's provisions and for a review of all payments by the Accounting Office to ensure compliance.

OFFICE OF THE ASSOCIATE LIBRARIAN FOR MANAGEMENT

As in past years the department's management objectives were directed primarily at responsiveness to increasing demands for administrative and support services to all Library organizations and at providing essential improvements to such services. In addition, considerable activity centered on affirmative action to support equal employment opportunity in the broad program areas of personnel management and complaints investigation. Supervision of the Equal Employment Opportunity Complaints Office was transferred from the Deputy Librarian of Congress to the Associate Librarian for Management, bringing together the important activities of this office with related departmental functions, especially those of the Personnel and Labor Relations Office, with a view to better coordination and improved effectiveness.

Other organizational changes during the year included establishment of the Office of Counsel for Personnel in the Personnel and Labor Relations Office and transfer of voucher examination functions previously carried out in the Procurement and Supply Division to the Financial Management Office.

Highlights of equal employment opportunity programs and the accomplishments of individual departmental units responsible for providing the Library's administrative and support services are discussed in the following pages.

Equal Employment Opportunity Programs

Affirmative Action Office

Affirmative action programs were significantly expanded during the year while the effectiveness of such ongoing programs as Affirmative Action Fellowships, Graduate Cooperative Education, affirmative action recruitment, and the Affirmative Action Applicants' File was maintained. New projects included an annual Target Series Job Information Fair, employment seminars, establishment of a Career Interest Group Program, and participation in the organization of an Affirmative Action Roundtable for exchange of professional information among government agencies.

Affirmative Action Fellowships were awarded in July to thirty-six staff members, from a total of sixty eligible applicants. The fellowships, which carry a stipend of up to $1,200, will pay for tuition and books in courses relating to the following positions: administrative officer, computer science specialist, copyright specialist, foreign affairs specialist, intelligence research specialist, librarian, social science analyst, and technical information specialist. Of the fellowships awarded, twenty were for undergraduate and sixteen were for graduate education.

Affirmative action recruitment received a higher priority this year than in any previous year of the Library's program. The Affirmative Action Office visited or sponsored visits to eight career days or job fairs on university campuses, providing potential applicants with general information on careers at the Library and specific information on opportunities such as the Graduate Cooperative Education Program and Affirmative Action Applicants' File. Recruitment trips were made to Atlanta University, Drexel University, Florida A&M University, Florida State University, Georgia State University, Harvard University, Hampton Institute, Howard University, Louisiana State University, North Carolina A&T University, Queens College, Rutgers University, South Carolina State College, Southern University, St. John's University, Stanford University, Texas Southern University, Texas Women's University, University of New Orleans, University of North Carolina at Greensboro, University of California at Berkeley, University of Pennsylvania (Wharton and Computer Science schools), University of South Carolina, and Winston-Salem State University.

Seven graduate students participated in the Graduate Cooperative Education Program between January and April and fifteen between June and September. Four students from the January–April group and three from the June–September group were awarded one-year temporary appointments, with the expectation that they would compete and win permanent career positions during that time.

The Affirmative Action Applicants' File was purged this year to delete those applicants who had found other employment or were no longer interested in careers at the Library. Of the 940 in the file, 357 requested to remain active; 134 new potential applicants were added to the file during the year.

At the first Target Series Job Information Fair, held in April, personnel staffing and development specialists were available to discuss career fields that included computer science, copyright specialist, librarian, social science analyst, and technical information specialist. A total of 210 staff members attended, 72 of whom indicated a desire to participate in career interest groups designed to supply them with career information on a continuing basis. In September such groups were organized for the computer science, librarian, and technical information specialist fields.

An Employment Seminar Program was initiated in September to provide participants in the Affirmative Action Applicants' File with information required for effective competition under the Library's selection system.

Affirmative action staffs at the Library, the General Accounting Office, the Government Printing Office, and the Smithsonian Institution set up an Affirmative Action Roundtable as a clearinghouse for professional information and forum for discussion of programs and problems. Benefits from the roundtable are expected to take the form of improved affirmative action programs at all four agencies.

Women's Program Office

The Women's Program Office had major responsibilities during fiscal 1984 in developing the Workforce Utilization Analysis and explanatory documents and participating in meetings and briefings to help managers understand the change to the data-driven affirmative action approach. The office also oversaw the development of an automated report system for use while the integrated personnel system was being completed.

Twenty-two Library staff members participated in the Administrative Detail Program, which provided ninety-day assignments allowing women and minority-group members to gain administrative and managerial experience.

To improve workload distribution for the Women's Program Advisory Committee, the term of membership was changed to begin and end in the spring. The committee sponsored two staff programs, one a male perspective of the women's movement and the other on issues associated with being single, and cosponsored a program during the Library's first Hispanic Heritage Week.

The women's program officer helped the Office of Personnel Management develop the governmentwide Women's Executive Leadership Program and presented a workshop at an OPM national training conference.

The office distributed its annual report on licensed day-care centers, provided counseling and information referrals, and monitored sexual harassment and other equal employment opportunity and affirmative action cases. The women's program officer attended meetings on women's issues at the American Library Association annual meeting and assisted with the Library's recruitment effort.

Equal Employment Opportunity Complaints Office

The Equal Employment Opportunity Complaints Office (EEOCO) began the fiscal year with a total of 140 complaints (51 informal and 89 formal). During the year 128 new complaints were received, bringing the total number handled to 268. Forty-two informal complaints became formal. Of these, 99 were resolved and a total of 169 were pending at year's end.

New staff appointments were made to four equal employment opportunity investigator/officer positions, one equal employment opportunity counselor position, and a part-time support staff position, bringing the staff complement to thirteen full-time and one part-time positions. To accommodate the additional staff, the office expanded into space on the sixth floor of the Madison Building formerly occupied by the Personnel Security Office. The chief, EEOCO, also relocated to this newly acquired space.

Automation Activities

As in the past, the Automated Systems Office (ASO) continued to pursue the goal of providing efficient and effective computer service in support of Library operations. During fiscal 1984 the Computer Service Center processed approximately 3.9 million transactions each month while servicing twenty-two hundred terminals located on Capitol Hill. During June the Computer Service Center began replacing older terminals with the new Comterm terminals, which will be used to support the online cataloging and searching of the Library's various online data bases. By year's end approximately one hundred of these terminals had been installed. In July 1984 the IBM 3033AP online system was upgraded to expand the performance of the processor and add 8 megabytes of memory. The upgrading was done to improve online response time until a new, faster central processor can be procured.

The Engineering Planning and Development Office assisted in the development of three microcomputer-based cataloging work stations installed in the Library's New Delhi office to enable capture of preliminary cataloging data in machine-readable form. A project is under way to determine the Library's communication requirements through the year 2000, including data, voice, and image transmission.

For the Optical Disk Pilot Program's Document Storage and Retrieval System, Library staff produced design specifications, managed the development and integration of all equipment, developed the software, and trained operators to input documents into the system.

To assist ASO's Office Automation Task Force, several software packages were installed by the System Programming Office for evaluation as office productivity aids. Of these, E-Mail, an electronic mail system from Applied Data Research, was deemed suitable for Library use and was retained. Although only a pilot system, E-Mail has been widely accepted in ASO and elsewhere in the Library as an interoffice communications system.

The Technical Systems Office produced several major products and enhanced releases to the facility software which underlies the user application programs. Work on the Document Processor, a generalized facility which embodies printing standards for creating and maintaining documents online and for printing them on the Xerox 9700 laser printer, was completed. The Information Screen Facility was released, with ASO and the Congressional Research Service as the first users. It allows a user department to set up a series of information display screens and menus to provide current information on any subject. An enhancement to the PRINT command enables users of the SCORPIO Print Subsystem to receive a daily printed log of all jobs that were printed. Crossfile Browse in SCORPIO allows searching of up to six data files simultaneously with one search command. Enhancements were made to the Subject Index Term Subsystem of the CRS Bill Digest System.

Underlying facility support was given to the Maps Release 2.0 and Music Release 1.0, both releases providing online input and update capabilities to users. Significant improvements in response time for users were made when the MUMS-based FIND command was changed to include query form evaluation and prioritizing of "performance impacting" searches.

In support of the Law Library, a contract was completed under the direction of the User Applications Office to design a new data entry system for the Hispanic Law Division which will provide a more accurate and efficient input capability for records which make up the Index to Latin American Legislation.

Modifications were made to the Automated Process Information File (APIF) application to allow inclusion of records from the Microform Reading Room collection and to allow online upgrade of APIF records to full MARC records. A new MUMS application was placed in production to permit the online input and update of Music records. The Books system was upgraded to permit the inputting of records for "special collections" such as pamphlets.

In support of the Copyright Office, the first release of COINS III was placed into production. This extension to the COINS system supports deposit accounts receipt-in-process control and is a further step in automating the entire copyright registration process. Public terminals in the general reading rooms can now be used to search online copyright registration data bases.

Work proceeded on the adaptation of a commercial personnel data system to the needs of the Library. Initial implementation is anticipated early in fiscal 1985. A contract has been awarded to develop a new logical model for the Library's payroll system. A general ledger system was procured and installed. The analysis of the requirements for an Accounts Payable and Purchasing System was completed. An improved system for inventory control for the Library's leased and purchased office equipment and other serialized equipment types was installed. The CRS Inquiry Status and Information System (ISIS) was enhanced to allow routing and remote printing of inquiries to the research divisions and to improve the timeliness of reporting management information regarding completed inquiries. The ISIS online tracking capability was improved by providing the ability to review inquiries by "date due" within a research division. The User Applications Office also worked on developing microcomputer application systems, evaluating microcomputer hardware and software, providing user assistance, and maintaining an inventory of all micro hardware and software. Applications completed this year include the Occupational Injury/Illness System, Copyright In-process System, ASO Hardware Inventory System, and Parking Permit System. More than two thousand problem reports and work requests were handled by the User and Production Service during the fiscal year.

General Management Services

Buildings Management

The Buildings Management Division Office formed an Automation Committee to establish goals, budget projections, automation priorities, and procedures for the orderly development of a comprehensive and efficient office automation program. As the reporting period closed, the scope of an integrated automation system had been defined.

While the Library's attention to improving fire safety continues undiminished, much of the remaining work is the responsibility of the Architect of the Capitol under the renovation program. Implementation of fire defense plans for the Jefferson and Adams buildings is a major objective of the renovation. Review of renovation plans and specifications received priority attention from the Safety Office this year. Installation of fire sprinkler systems in the Jefferson and Adams bookstacks was nearing completion by year's end. Only final connection to the water source and completion of the annunciation system remain. The recommendations of a consultant regarding food service in the Jefferson and Adams buildings were incorporated into the renovation plans for these buildings.

Major improvements in the management of the Madison Building shipping and receiving dock are expected to result from a survey of the activities and operation of that facility conducted during the latter part of the year. Other buildings management activities this year included:

☐ Installation of electromagnetic security devices on Madison Building entrance/exits to enhance security of Library collections and equipment.

☐ Improvements in the Jefferson and Adams snack bars, including replacement of furniture and relocation of vending machines.

☐ Complete interior refinishing of the Whittall Pavilion to repair damage caused by severe condensation problems.

☐ Design and installation of electronic security systems for the Pennell and atlas exhibits in the Madison Gallery and the Japanese calligraphy exhibition in the north and south galleries of the Great Hall.

☐ Activation of electronic security systems at the Navy Yard Annex and the Taylor Street Annex.

☐ Installation of closed circuit television surveillance equipment at the Madison Building ground floor entrances and the shipping and receiving dock.

☐ Modification of the Madison Building fire alarm system on the floors where false alarms have been most frequent so that smoke detection signals alert only the Special Police and engineer force, who then sound fire alarms only upon finding an actual fire.

Financial Management

Funding available for operations of the Library in 1984 totaled $238,215,000, which included $228,715,000 in available direct appropriations from the Congress and $9,500,000 in offsetting collections. Other available sources included working fund advances, transfers, and gift, trust, and service fees, which totaled approximately $25,700,000. In addition, the Architect of the Capitol received $87,570,000 for structural and mechanical care of the Library's buildings and grounds, including $81,500,000 for the restoration and renovation of the Jefferson and Adams buildings. Details of the Library's financial records for fiscal 1984 appear in the appendixes.

For 1985 the Library requested appropriations totaling $228,963,000. The Congress allowed $225,710,000 in new budget authority for 1985, authorized the use of $10,300,000 in receipts for the Copyright Office and the Cataloging Distribution Service, and released for obligation $300,000 which was withheld from obligation under the provisions of Section 311 of Public Law 95-391.

Presented with the 1985 budget request were supplemental requests for 1984 of $11,500,000 for construction of the Library's book deacidification facility, $4,333,000 for increased pay purposes, and $1,025,000 for new Social Security costs. The Congress allowed the funds for the deacidification facility and $3,601,000 for increased pay and Social Security costs.

A new general ledger software package—the Federal Accounting and Reporting System (FARS)—was selected in a competitive procurement and purchased from Computer Data Systems, Inc. By year's end, new coding and program structure had been developed and the system had been installed. Testing and full start-up are planned for 1985. Consultants were engaged to plan the integration of LOIS, Photoduplication Service, FEDLINK, and Copyright Licensing Division accounting with FARS. Initial responses indicated that the largest system problems will be with LOIS. Work is under way to select an accounting package which will integrate automated payables functions with the general ledger and automation of procurement data.

Payroll activity included the beginning of full Social Security withholding for all new staff members and existing temporary staff in January, supplementary retirement withholding for new staff members beginning in January, and collection of post-1956 retirement contributions for military personnel who can claim both Civil Service and Social Security retirement benefits for the same period.

Materiel Management and Support

Purchasing, contracting, and materials management services provided by the Procurement and Supply Division have undergone few major changes over the past dozen years. Fiscal 1984 afforded an opportunity for a conscious, concentrated, and dynamic revitalization of purchasing practices and philosophy, initially stimulated by a revision to the Public Law which increased the threshold for formally advertised procurements from $10,000 to $25,000. This change resulted in greater activity in the small purchases area but did not diminish the number of formally advertised procurements. Implementation of the Federal Acquisition Regulations, which replaced the Federal Procurement Regulations, changed the entire solicitation structure and necessitated revisions to several standard clauses and procedures.

As the Library's Inventory Management Project reaches a verifiable level, emphasis has been placed on labeling of all serialized equipment. Simultaneously, leased equipment is being placed on the Automated Inventory Control System.

During the year there were fifty-one formally advertised procurements on a competitive basis and eleven procurements advertised as an intent to negotiate with a specific vendor. Important procurement activities in fiscal 1984 were associated with the Optical Disk Pilot Program and the beginning of activities related to construction of the Mass Book Deacidification Facility at Fort Detrick, Maryland.

Central Administrative Services

During the year heavy demands on the Printing Unit of the Central Services Division continued. A total of 68,901,916 impressions were produced, compared to 68,431,310 for last year. Acquisition of a ten-station collator near the end of the fiscal year is expected to greatly improve the efficiency of the collating operation. The Compugraphic MCS photocomposition system became fully operational during the year. Offices can now furnish the Composing Unit with disks from their own word processing equipment for conversion to the Compugraphic system with only a minimum of extra keyboarding. Data for certain bibliographies, as well as copy for the LC *Information Bulletin* and a number of other publications are now being routinely submitted on disks. In the course of the year the unit produced 2,405 camera-ready pages, compared to 2,000 the previous year.

Advisory service on records management was provided in twenty visits to nineteen congressional offices. Subject classification outlines and indexes were prepared for eight of these offices. In the forms management program 798 forms were processed, including 85 new forms, 160 revised forms, and 553 reprints. In addition, 159 forms were designed or redesigned and 44 forms were eliminated. A total of 370 cubic feet of records were destroyed and another 688 cubic feet were transferred to the Library's storage facility for evaluation and future disposition. A total of 2,303 cubic feet of copyright records were transferred to the Washington National Records Center in Suitland, Maryland. The Library now has 35,656 cubic feet of records stored at that facility. Another 70 cubic feet of Individual Earning History records were transferred to the National Personnel Records Center in St. Louis, Missouri. Construction was completed on a 1,500-square-foot records center at National Underground Storage in Boyers, Pennsylvania, to house some of the Library's important microfilm records. A total of 1,114 boxes containing 60,922 reels of microfilm are now stored at this temperature-and-humidity-controlled storage facility.

The volume of visual information services work, including preparation of charts, posters, flyers, covers, brochures, transparencies, illustrations, and hand-lettered certificates, continued to increase, with a total of 4,371 separate items processed as compared to 3,060 the previous year. In addition, 3,676 office identifications, posters, nameplates, and other graphic displays were processed through the Buildings Graphics Facility in fiscal 1984, compared to 2,271 last year.

As a consequence of the General Services Administration's new policy of three-year automobile replacement, most of the Library's motor pool vehicles are now 1983 or newer models.

As a result of the telephone company divestiture, the Library will acquire ownership of the existing installed telephone equipment on November 15, 1984. Maintenance by the telephone company will extend to January 1985, after which it is planned that Library staff will perform all equipment installation and maintenance work. New equipment permitting telephone communication with the deaf has also been purchased.

A total of 12,000 classifications were performed during the year, and 34,000 records were filed. More than three cubic feet of records were reviewed and integrated into the Library of Congress Archives. A total of 194 requests for records reference service were received from Library staff and the public.

Personnel and Labor Relations

Significant progress in a number of affirmative action programs ranked high among the many accomplishments of the Personnel and Labor Relations Office during the year.

A program to increase the number of Hispanic employees at the Library began with the appointment in December of a part-time Hispanic employment program coordinator. To heighten bicultural awareness at the Library, the Library participated for the first time in the observance of National Hispanic Heritage Week, with activities ranging from a panel discussion to an indoor concert.

In July a part-time position of handicapped program coordinator was established, with responsibility for improving Library services for handicapped staff members. The program got under way with the director of personnel naming a task force to review, update, and develop proposed regulations dealing with the handicapped staff member and reasonable accommodation of individuals with disabilities.

Final reports on the validation of selection procedures were received from the contractors and at year's end were being evaluated and considered for implementation. The validation study, conducted by Personnel Decision, Inc., and Personnel Decisions Research Institute of Minneapolis, Minnesota, began in early 1981 and covered librarians, social science analysts, computer specialists, attorneys, copyright examiners and catalogers, economists, technical information specialists, foreign affairs specialists, and Special Police positions. In order to meet its contract commitment to Local 2477 of the American Federation of State, County, and Municipal Employees that written tests would not be used as a selection device unless validated, the Library also contracted with Psychological Services, Inc. (PSI), of Washington, D.C., to determine whether a battery of Basic Skills Tests developed by them for selecting staff members for clerical-related occupations was "transportable" for use by the Library. The study, which covered virtually all clerical-related positions in the Library, found that the PSI tests could be used as part of the Library's selection process for clerical positions.

The number of recruitment trips increased from six last year to more than forty this year, with special emphasis being placed on affirmative action recruitment. Fifteen vacancies were filled under the Target Series Program, recruitment for which is on a limited in-house basis for affirmative action purposes.

During the year, the Office of Counsel for Personnel was established with responsibility for both the functions of the former staff position of legal adviser and those functions related to disciplinary actions formerly assigned to the Staff Relations Office.

The employment picture in the Library remained relatively unchanged as compared to the previous year. Applications received increased by 96 for a total of 38,199. Vacancy announcements issued totaled 874, an increase of 4 percent. Appointments made totaled 811, up from 763 last year, and a total of 450 staff members resigned, an increase of 39. Promotions for the year totaled 997 as compared to 951 in fiscal 1983.

The major emphasis during the year in the area of labor relations consisted of full-scale bargaining with American Federation of State, County, and Municipal Employees Local 2477 in the area of master contract renegotiations with the Special Police and negotiations for an initial contract with the Law Library of Congress United Association of Employees. Both negotiations were suspended, however, when petitions were filed by other labor organizations seeking the right to represent these staff members.

The Health Services Office sponsored its first annual Health Fair for Library staff on April 17, 1984, inviting eighteen public and private health organizations to participate. Health Services staff have become more involved in teaching staff members how to stay well and are offering more one-to-one counseling with emphasis on the wholistic approach to the maintenance of good health. Through the addition of a Weight/Nutrition Group, Bereavement Group, Fresh Start Smoking Cessation Program, and Techniques of Lifting course, the office is emphasizing greater self-responsibility for remaining well.

A Management Working Group on Incentive Awards was established to review and examine major issues relating to the awards program and to develop specific recommendations for improving the overall efficiency and effectiveness of the program. The Staff Relations Office issued revised procedures for submitting award recommendations and a policy memorandum which clarified the criteria for evaluating group award recommendations.

The Staff Training and Development Office offered for the first time such courses as the Secretarial Symposium, Special Search Techniques, Basic and Advanced Compucorp Training, Stress Management for the Staff Dealing with the Public, How to Communicate under Pressure, and Techniques for Taking Telephone Inquiries. As an adjunct to the classroom activities, the office began to acquire audiovisual training materials for use by staff members through the Career Resource Center. Sixteen senior managers participated in more than 1,500 hours of intensive leadership training, ranging from the 120-hour programs offered at Harvard University and the Federal Executive Institute to the 80-hour programs offered by the Federal Executive Seminar Centers and the University of Maryland Library Administrators Development Program.

The Staff Relations Office provided essential counseling services to staff members in a total of 8,162 contacts. Noteworthy trends in counseling referrals included increased job frustration and lack of career enhancement opportunities, a rise in emotional health problems, and a sharp increase in financial hardship cases. An additional 207 individual contacts were recorded in the areas of reasonable accommodation for work-related personal or medical conditions, job restructuring, and community referrals for medical and/or psychological evaluations and assessments. There were also 8,150 contacts with managers and supervisors covering a variety of areas such as interpretation of regulations, incentive award and suggestion issues, managing the troubled staff member, leave abuse, and human relations at the worksite. The greatest need among supervisors appeared to be in developing effective strategies in resolving problems with staff members in accordance with sound personnel management practices. Eight training sessions on supervising the troubled staff member were conducted, with approximately 155 supervisors, union stewards, and other Library staff attending the one-day session.

Seven applicants were selected from participating library schools and five from the staff for the 1984-85 Intern Program. In the 1983-84 program, six were from the staff and four from outside.

The Recruitment and Placement Office staff interviewed 2,636 persons, 738 for career counseling (corresponding figures for 1983 were 2,250 and 766, respectively). They also held 1,571 meetings with management personnel, as compared to 1,564 in 1983. Twenty-six students were hired during the year under the College Co-op Program, as compared to forty-one in 1983, and eighty high school students were hired under the Work-Study Program, a significant increase over the thirty-four hired last year. Preparing responses to requests for equal employment opportunity (EEO) data, giving depositions, developing an EEO data collection system for applicants, and related support activities accounted for a total of 3,479 work hours of Recruitment and Placement Office staff time.

In addition to completing three maintenance reviews and three classification surveys, the Position Classification and Organization Office took classification actions that included establishing 214 new positions, redescribing 171 existing positions, canceling 81 positions, amending 157 position descriptions, and processing four reconsiderations. Eleven reorganizations were also processed.

The Personnel Operations Office processed two salary adjustments (one retroactive) under the General Schedule and five under the Wage Systems during the year, which affected practically all staff members. More than 700 counseling sessions were held with staff on retirement matters and 255 retirement computations were made, with 72 staff members retiring during this period as compared to 77 in 1983. The office held its annual Health Benefits Fair during open season for the Federal Employees' Health Benefits Program. Some 2,500 health insurance applications were processed during the open season and an additional 360 at other times during the year. A total of 332 "Outstanding" ratings (as compared to 201 in 1983), 300 quality step increases (247 in 1983), and 27 denials of within-grade increases (one less than in 1983) were processed.

The Labor Relations Office handled forty-two grievances, with the preponderance of the decisions sustaining the position of the Library. One arbitration hearing was conducted under the provisions of the Library's grievance procedure. Last year, fifty-four grievances were processed and seven arbitration hearings held. Twenty unfair labor practice (ULP) charges were filed by labor organizations at the Library during the reporting period, a decrease of three from the previous year. The Federal Labor Relations Authority (FLRA) approved the withdrawal requests by the labor organizations in ten cases, dismissed the charges in four cases, and issued a complaint in one case which has been appealed. By year's end no action had been taken on five of these cases. In one carry-over case from last year, the FLRA issued a notice of posting and the Library filed one ULP charge which was withdrawn with FLRA approval. Three negotiability decisions were rendered by the FLRA.

The Office of Counsel for Personnel disposed of twelve appeals through trial, as compared to sixteen in 1983. One was settled (as compared to six in 1983), six were withdrawn by the opposing parties (two in 1983), and seven were dismissed. Final decisions were rendered in fourteen appeals during the year, twelve of which were favorable to the Library, as compared to nine decisions in 1983, all of which were favorable to the Library. Dispositions were made in thirty-six adverse action cases which resulted in four reprimands, nine suspensions, six transfer/demotions, two demotions, and eight removals. No action was taken in two cases, one case was dismissed, one staff member accepted a voluntary demotion, and three staff members resigned before a final decision was made. A total of 110 warnings, 120 counseling memoranda, 40 notices of proposed adverse action, 30 reply officers' reports, and 42 final decisions were reviewed. In the equal employment opportunity area, attempts at resolution were made in twenty-nine cases, fourteen of which resulted in settlement.

The Health Services Office reported that the number of walk-in visits to the Health Room facilities decreased during the year to 17,229 from 19,320 last year. The number of counseling sessions decreased from 3,134 to 2,598. There was also a 12 percent decrease in the number of reported work-related injuries and a 33 percent decrease in the number of reported occupational illnesses. However, despite the reduced number of reported injuries, there was an 18 percent increase, to a total of 177, in injuries requiring medical expense or loss of time. The Emergency Medical Response System was updated during the year with the purchase of new equipment and continues to be effective in fully utilizing the medical staff and Special Police officers for providing emergency medical care to Library staff. Cardiopulmonary resuscitation (CPR) was taught to 221 Special Police officers and several other staff members at the various Health Room facilities. Health Forums covered such subjects as sexually transmitted diseases, why health care is so expensive, avoiding sports injuries, hypertension, and the aging worker.

Photoduplication Services

Staffing levels decreased significantly in the Photoduplication Service during the fiscal year. A continuing decline in the level of correspondence received resulted in the abolishment of three positions in the Reference Section and one in the Information Unit. Staffing in the Microphotographic Section was also reduced as a result of less material being available for filming. By year's end the staffing level of the Photoduplication Service stood at 130 full-time positions, as compared to 144 last year.

The service issued thirteen new circulars in fiscal 1984 to announce the availability of collections microfilmed under the Library's preservation program. The circulars covered such materials as African newspapers available on positive microfilm; the papers of Frances Benjamin Johnston, Ray Stannard Baker, and Felix Frankfurter; Portuguese pamphlets; and Russian Imperial Government publications.

Coin-operated copying service in the Library continued to be augmented and upgraded. Twenty-seven copiers are now available to the public, as compared to twenty-five last year. Four new high-capacity Standard Change-Makers were purchased and installed and two existing Standard Changers were modified to increase their capacity.

Significant equipment purchases in the Photoduplication Laboratory during the year included an Extek 105 Silver Card to Roll Duplicator which allows the service to produce silver microfiche distribution copies of cut microfiche masters; three Weinman Pumps to pump chemicals from the mixing area to the processors (replacing pumps purchased in 1949); and a Polaroid Miniportrait Camera for producing instant color passport photos.

Financial projections for the year indicate a surplus of $380,000. A positive result of this financial picture is that the service has been able to increase substantially its balance in the Treasury to a more reasonable reserve figure in light of annual expenses. This financial success was due primarily to careful control of salary costs and more consistent productivity in the laboratory.

The master negative microform vault now contains 299,164 reels. Significant additions to this collection include the Records of the Russian Orthodox Greek Catholic Church of North America (376 reels), the Booker T. Washington Papers, Series Four, General Correspondence (296 reels), and the Library's holdings of all pre-1801 published writings concerning music and related topics as cited in *Repertoire International des Sources Musicales* (220 reels).

Substantial progress has been made in filming the Latin American Gazettes. Backfiles are now available for fifteen of the twenty countries in the program. The filming of the reports of the South Manchurian Railway Company, carried on with the support of Japan's National Diet Library and the Library's Asian Division, was completed. In all, 3,270 titles were microfilmed.

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National Programs

It is the goal of the National Programs department to reach out to serve the needs of diverse publics: blind and physically handicapped individuals; adults who work with and write for children; folklorists and others concerned with preserving our cultural heritage; librarians, students, and other people of the book and the written word; the broadcasting community; special guests and the press; federal librarians and information specialists; and the general public who visit the Library of Congress, buy and read its publications, view the exhibits, or simply enjoy the architectural beauty of the Library's Thomas Jefferson Building.

The sections that follow reveal a year of challenges met, of energetic and creative participation by the department's managers and staff. Fiscal 1984 was a "more" year: more visitors, more seminars, more federal networking activity, more programs, more books and bibliographies, more special events, more awards for staff and the products of their work, more sales of Library products, more press attention, and more television coverage of Library of Congress programs.

AMERICAN FOLKLIFE CENTER

One of the busiest months of fiscal 1984 for the American Folklife Center was the usually slow month of August, when the center's reauthorization was considered, amended, and passed by the House of Representatives (August 8), considered and passed by the Senate (August 9), and signed by the President (August 21) as Public Law 98-392. This act authorizes the center's appropriations for fiscal years 1985 and 1986.

In October 1983 the Pinelands Folklife Project—a field survey of folk technology, craft, and folk expression in the Pinelands National Reserve of New Jersey—got into full swing. By the time the fieldwork drew to a close in mid-November, team members had made 206 hours of sound recordings, produced 14,240 color and black-and-white photographs, and entered the equivalent of 1,700 pages of field notes into personal computers. In early February the center presented a project briefing for representatives of the New Jersey congressional delegation, members of the center's Board of Trustees, and Library of Congress staff. Center director Alan Jabbour described the project's genesis and goals, noting that it was conducted partly as a follow-up to an earlier study entitled *Cultural Conservation: The Protection of Cultural Heritage in the United States*, and that the center hopes to amplify the broad, somewhat abstract points made in that report by undertaking a few experimental studies that deal with the question of cultural conservation at the local level. Susan Samuelson, field coordinator for the project, then outlined some organizational aspects. During the final portion of the briefing, staff project director Mary Hufford offered an overview with slides of the Pinelands National Reserve.

Since the conclusion of the Pinelands Folklife Project, the data collected have been used to develop public presentations on cultural conservation at the First World Conference on Cultural Parks: Preservation and Use, in Mesa Verde National Park, Colorado; at the Parks in the West conference in Sun Valley, Idaho; and at state and regional meetings in New Jersey and along the East Coast.

In the *Congressional Record* for February 6, 1984, Congressman John F. Seiberling of Ohio described *Cultural Conservation* as "an attractively printed and well-illustrated volume. More important, it addresses in a comprehensive manner a range of issues of immediate relevance to historic preservation and related cultural efforts around the United States."

On December 5 and 6, 1983, nearly four hundred folklorists, art historians, collectors, dealers, historians, and folk art enthusiasts gathered at the Library of Congress for the Washington Meeting on Folk Art, an event sponsored jointly by the Museum of American Folk Art in New York City and the American Folklife Center.

The Washington Conference on Folklife and Automated Archives: Interdisciplinary Approaches, held April 26–28, 1984, was the second major conference hosted by the Folklife Center during the fiscal year. Richard S. Thill from the University of Nebraska at Omaha was the organizer, with funding from the L.J. and Mary C. Skaggs Foundation. The structure of manual archiving systems, approaches to classification of folklore materials for automation, automated archiving projects with which the Library of Congress has been involved, and standardization of folklore data bases were discussed.

Reference librarian Gerald E. Parsons provided extensive research support to the House Subcommittee on Census and Population, which was considering a bill proposing that the square dance be designated as the country's national dance. Staff members Peter Bartis, Elena Bradunas, and Mary Hufford began a long-term initiative focusing on folklife and higher education. The initiative encompasses five proposed projects, the first of which—a two-day colloquium of folklore educators—took place on September 13 and 14, 1984. The sixteen participants invited by the Folklife Center and the American Folklore Society discussed such topics as the current strength of folklore programs at the university level, employment opportunities, and how the society and the center can increase support for folklore and higher education. Carl Fleischhauer continued to assist the Library's Optical Disk Nonprint Pilot Program during 1984, as chairman of the Nonprint Experiment Design Committee. This year saw the first user station set up in the Prints and Photographs Reading Room. Copyright permissions for motion-picture materials were sought and a video press release was developed. More user stations are expected in the next year, along with captions for the disk now in operation.

The first volumes of *The Federal Cylinder Project: A Guide to Field Cylinder Collections in Federal Agencies* (Studies in American Folklife, No. 3) were published. Volume 1, *Introduction and Inventory*, contains an indexed listing by collection of more than ten thousand field-recorded wax cylinders for which preservation tape copies exist at the Library of Congress. Volume 8, *Early Anthologies*, describes Benjamin Ives Gilman's cylinder recordings from the 1893 World's Columbian Exposition and the "Demonstration Collection" edited by Erich Moritz von Hornbostel and issued shortly after World War I by the Berlin Phonogramm Archiv. Other volumes will follow.

Two pictorial "foodways" books appeared this year—*Cranberries* and *Watermelon*. *Cranberries* combines recipes gathered from residents of the New Jersey Pine Barrens with color photographs and a glimpse of cranberry cultivation and use in the Pinelands. *Watermelon*, by Ellen Ficklen, includes historical and dietary facts, recipes, humor, color and black-and-white illustrations, poetry, and a touch of serendipity to capture something of the good-times feeling that watermelons seem to produce.

Due to restoration work that the Architect of the Capitol has been overseeing this spring and summer to reinforce the masonry arches supporting the Library's Neptune Plaza—the traditional location of the center's annual outdoor concert series—the center developed a "floating" series for 1984. It began on May 4 with a concert by the renowned local bluegrass group Doyle Lawson and Quicksilver, performed in the Mumford Room of the Library's Madison Building. On June 14 Flora Molton and the Truth Band, joined by Archie Edwards, played country music and the blues in the Whittall Pavilion. Ganga, a folk music group from Bengal, India, played a wide range of folk music from northern India for the July concert in the Coolidge Auditorium. The fourth and final concert of this year's series, also in the Coolidge Auditorium, featured the Veltones, four young men from northeast Washington who sing popular songs from the 1950s to the present without instrumental accompaniment.

On August 16, in connection with the Library's "Words in Motion: Modern Japanese Calligraphy" exhibit, the center presented a special noontime concert of Japanese music by Kyoko Okamoto and members of the Washington Toho Koto Society and a workshop on brush writing conducted by Mrs. Okamoto and Tamae Brockman. On September 13 the center presented a special concert of Puerto Rican music by Yomo Toro and his Conjunto Típico Puertorriqueño, as part of the Library's celebration of National Hispanic Heritage Week. Rep. Robert Garcia of New York, chairperson of the Congressional Hispanic Caucus, introduced the group and provided background on the island's customs and musical heritage.

Archive of Folk Culture

The archive's growing interest in nonmusic materials was exemplified by Joseph C. Hickerson's July trip to Columbia, South Carolina, to acquire and transport some thirteen hundred disc recordings and related manuscript documentation pertaining to the Linguistic Atlas of North America. These materials, most of which were recorded between 1933 and 1936 in New England and Virginia, were given to the Library by the American Dialect Society in exchange for a tape copy. Also included in this transaction were more than 150 tape recordings given directly to the Library by dialect scholar and past ADS president Raven McDavid.

A large and especially interesting collection from the Tombigbee Historic Townsites Oral History Project was forwarded to the archive by Stephanie Rodeffer of the National Park Service. Reminiscences collected along the Tennessee-Tombigbee Waterway—particularly in Clay County, Mississippi—are recorded on 117 cassettes and are supported by 1,590 pages of indexed verbal transcripts, maps, and photographs.

The archive has been reducing its backlog of in-process collections of audio recordings (cylinders excluded). In fiscal 1984, collections totaling 1,448 items have been fully processed. An additional fifty-five items are in the final stage of processing—which occurs after the collection has been copied by the Library's Recording Laboratory. The archive logged in twenty-one new collections totaling 1,725 items.

The archive revised the reference aid *Folklife and Ethnomusicology Archives and Related Collections in the United States and Canada* and produced a new finding aid, *Maryland Field Recordings in the Archive of Folk Culture*. Archive staff also compiled a revised edition of *Researchers in the Washington, D.C., Area Familiar with the Collections and Indexes of the Archive of Folk Culture* and submitted 1,426 entries for the "Current Bibliography" section of the journal *Ethnomusicology*.

In April Carl Fleischhauer installed high-fidelity equipment for the public to use in listening to LP's in the archive reading room, replacing the old yellow plastic record player acquired as a surplus item from the Library's Talking Book program. The new equipment consists of a Thorens TC 166 MKII turntable, a Yamaha A-500 70-watt amplifier, and Sennheiser HD424 headphones.

CHILDREN'S LITERATURE CENTER

In all aspects of its operation—from special events and programs, user services, and publications to staff development—the Children's Literature Center (CLC) enjoyed an active, productive year, which began with two well-attended special events: In cooperation with the Center for the Book, the CLC sponsored a Children's Book Week lecture by award-winning writer Madeleine L'Engle, who chose as her title "Dare to be Creative." And with ABC Entertainment, the Center for the Book and the Children's Literature Center presented the premiere of ABC Television's "The Best Christmas Pageant Ever," based on the popular book by Barbara Robinson. Special guests included TV star Loretta Swit, as well as the author and her Harper & Row editors.

Staff members from throughout the Library celebrated the center's twenty-first birthday on March 2. The center also greeted approximately fifty librarians, editors, teachers, and other children's book specialists at an open house held in January during the Midwinter Conference of the American Library Association in Washington. Throughout the year, the center welcomed a steady stream of national and international visitors, introducing them to its functions and services and facilitating their use of the Library's rich but scattered collections of children's books.

The center published its annual annotated bibliography, *Children's Books*, for 1983, and began preparing an illustrated guide to children's books at the Library of Congress. In cooperation with the Asian Division, the center initiated a publication that will highlight the Library's holdings of Japanese children's books.

Additional support was obtained this year from a University of Maryland intern and a research assistant from that university's American Studies Program. Toward midyear the center welcomed Suzanne Levesque as its permanent library technician.

The senior reference specialist, Margaret Coughlan, and the chief, Sybille Jagusch, engaged in numerous professional activities which connected the center with its national and international constituents. Margaret Coughlan delivered a paper on stimulating the child's imagination through books to students and teachers at Northern Illinois University at DeKalb, Illinois, and introduced award-winning author Cynthia Voigt at the annual Maryland Book and Author Luncheon. During the annual conference of the American Library Association's Committee on National Planning for Special Collections, she planned and presented a program on computer access to special children's book collections.

Mrs. Jagusch served on the *New York Times* jury of the annual Best Illustrated Books selection, chaired the Arbuthnot Honor Lecture Committee of the Association of Library Service to Children, a section of the American Library Association, continued as executive board member of the United States Board on Books for Young People, and attended the General Conference of the International Federation of Library Associations and Institutions in Nairobi, Kenya. She gave numerous talks, often using the center's newly created slide presentation, to LC staff, visitors, teachers of children's literature, and the Publisher's Library Marketing Group (New York).

EDUCATIONAL LIAISON OFFICE

As the Librarian of Congress recently noted, the Educational Liaison Office "educates people about the Library of Congress." This statement is particularly appropriate for fiscal 1984: ELO has had a busy year attending to the Library's many special publics, and education has been one of the primary ways of serving them.

The office arranged special tours, programs, appointments, and other forms of orientation for thousands of visitors to the Library of Congress this year. Participants in the Library's Official Visitors Program numbered 5,577, an increase of 12 percent over last year's program totals. More official visitors came in October 1983 (828) and April 1984 (806) than in any previous month ever recorded.

Professional librarians and students of library science visiting the Library numbered 1,804, a third of the total number of official visitors, and an increase of 5 percent over the previous fiscal year. Library students came from the University of Toronto, Sam Houston State University, Catholic University, Kent State University, the University of Pittsburgh, Rutgers University, Syracuse University, the University of North Carolina at Chapel Hill, Drexel University, North Carolina Central University, and Pratt Institute. Again this year, the associates at the National Library of Medicine visited the Library on an exchange with our interns.

Six national librarians called on the Library during the year, from Pakistan, Sri Lanka, Haiti, Indonesia, Tanzania, and Chile. The list of national librarians was revised for distribution to LC officials.

During the American Library Association Midwinter Meeting, held in Washington from January 7 to 12, the Library maintained service to conferees through the Information Place, a reception center in the Madison Building which coordinated tours, computer demonstrations, appointments, optical disk discussions, and other services for visiting librarians and publishers. On January 8, with support from the Baker & Taylor Company, the Library held a gala reception in the Great Hall for the conferees.

Official visitors of note during the year included Mrs. Suzanne Mubarak, wife of the president of the Arab Republic of Egypt, who met with LC officials to discuss the delivery of library services to rural Egyptians. In connection with the Library's exhibit on 150 years of relations with Thailand, several important Thai visitors came to the Library, including Princess Galyani Watlana, sister of the reigning king, and the foreign minister and ambassador of Thailand, with their wives. Princess Mele Siulikutapu Kalaniuvalu Fotofili of Tonga, guest of American Samoa's Member of Congress, visited the Library in August.

Ambassadors to the United States from China, Japan, Algeria, Yugoslavia, France, Costa Rica, Paraguay, and Uruguay were guests of the Library during the year, as were ministers and Members of Parliament from Bavaria, Spain, Japan, the Kingdom of Lesotho, India, Korea, Bermuda, Austria, Uruguay, Great Britain, The Congo, Mexico, Sicily, Denmark, The Netherlands, Zimbabwe, Benin, Cameroon, Venezuela, China, Mauritania, Brazil, Malaysia, Trinidad, Botswana, Zaire, Liberia, Taiwan, and the Ivory Coast.

Services provided to other visiting publics included hourly tours of the Library every working day. A 3½-minute recorded tour was installed in the Visitors Gallery overlooking the Main Reading Room. In fiscal 1984 the Tour Office gave 1,920 regular tours to 37,742 visitors and 779 specially arranged tours to 18,252 official visitors, school groups, and others, an overall increase of more than 5 percent from last year's total. All told, it was a busy year for the Tour Office, and certainly the busiest spring ever, when nearly 40 percent of the total number of the year's tours were given.

The two job-sharing special events coordinators had their most demanding year yet, taking responsibility for the LC retirees luncheon, the ALA midwinter reception, and social gatherings in connection with the COSLA Sixth Assembly, Children's Book Week, the Washington Meeting on Folk Art, the White House News Photographers exhibit, the Symposium on Work, Hispanic Heritage Week, and various other special occasions.

The ELO was host to numerous visiting scholars who were conducting research at the Library and arranged for Library staff to serve as "faculty associates" for these scholars. In addition, ELO placed twenty-two student interns in ten Library divisions through its Student Internship Program and arranged for an exchange visit by Dr. Gerhard Hahn, deputy director of the German Bundestag Library, who spent three months in the Law Library, Congressional Research Service, and Processing Services.

The educational liaison officer, John Henry Hass, worked on and participated in the planning and execution of the Sixth Assembly of Chief Officers of State Library Agencies (COSLA), held at the Library in April.

EXHIBITS OFFICE

In fulfilling the goal of sharing the collections of the Library of Congress with its many publics, the Exhibits Office presented twelve major exhibitions and five special exhibitions in fiscal 1984 that featured diverse items spanning four centuries.

Honoring U.S.-Thai cooperation, "Amity and Commerce: 150 Years of the United States and Thailand Accord" exhibited a copy of the twelve-foot-long treaty between the two countries, the first treaty to be signed between the United States and an Asian nation. In this cooperative spirit, the king of Thailand donated musical instruments and loaned an abstract that he had painted for the exhibit, while the Thai Silk Company donated silk on which to mount the exhibit, which also included books, artifacts, and photographs.

"Steamer Prints" displayed nineteenth-century prints of trans-Atlantic and inland waterways steamships, a popular and practical mode of transportation until they were displaced by the railroads.

As the depository for the Historic American Buildings Survey (HABS) Collection, whose purpose is to record the country's architectural heritage, the Library of Congress celebrated the fiftieth anniversary of HABS with an exhibit depicting the diversity and utility of the collection.

A major exhibition in the Madison Gallery, "The Pennell Legacy: Two Centuries of Printmaking," displayed more than 250 fine prints as a tribute to printmaker and collector Joseph Pennell, who bequeathed to the Library of Congress the Pennell Fund for use in purchasing prints "of the greatest excellence only." In addition to enabling the Library to purchase fine prints, Joseph and Elizabeth Pennell also bequeathed their own collections of books, manuscripts, and printmaking plates, as well as Mrs. Pennell's collection of valuable cookbooks.

Posters from the Prints and Photographs Division formed the basis for several exhibitions. "The Poster as Art in the 1890s" reflected an artistic movement that combined art with advertising. "All Talking, All Singing, All Dancing: Early Hollywood Musicals," an exhibit at the Performing Arts Library, featured posters of film musicals during their heyday from the mid-1930s to the early 1940s. Two separate special exhibits featuring film posters and stills were installed in the lobby of the Mary Pickford Theater: "Paramount Studios: The First 30 Years" and "Flight in Film."

Cartoons, caricatures, and drawings were the sources from which two other exhibits were drawn. "Wit's End: Drawings from the Swann Collection of Caricature and Cartoons" is the second to be installed in the Swann Gallery. "The Truman Era: Issues and Images" marked the centennial of the birth of Harry S. Truman with political cartoons conveying the major issues of the Truman era.

Award-winning maps from the 1984 annual competition of the American Congress on Surveying and Mapping were exhibited, commemorating the ten-year anniversary of the competition. In contrast to these modern cartographic materials, atlases dating back to the fifteenth century were exhibited in the Madison Gallery for "Images of the World: The Atlas Through History." Among the many rare items displayed was the twelfth and final volume of the largest and most elaborate atlas ever produced, *Le Grand Atlas*, published in France in 1667.

A very popular exhibit this year was "The Grand Interpreters: Personalities in Opera in America" at the Performing Arts Library. Celebrating the centennial tour of the Metropolitan Opera Company, photos of opera stars from the Library's Charles Jahant Collection and costumes, costume designs, and set designs on loan from the Metropolitan Opera were exhibited. Another popular attraction was the forty-first annual White House News Photographers Exhibition, recalling some of the important events of the past year throughout the world with award-winning photographs and videotapes.

A major exhibition in the Great Hall was "Words in Motion: Modern Japanese Calligraphy," cosponsored by the Japanese newspaper *Yomiuri Shimbun*. Examples of calligraphic art by contemporary Japanese masters were exhibited on a specially designed free-standing exhibit system.

The Traveling Exhibitions Program scheduled eleven exhibits to be shown in over thirty-five institutions in the United States and Canada and at U.S. embassies in several foreign countries. The Exhibits Loan Program coordinated the lending of 719 items from the Library's collections to supplement exhibitions at sixty institutions in the United States and five foreign countries.

A complete listing of all exhibitions produced or concluded in fiscal 1984 appears in appendix 12.

FEDERAL LIBRARY COMMITTEE

A major task of the Federal Library Committee during fiscal 1984 involved planning for a reorganization. Proposed changes were initiated by members of FLC's Executive Advisory Committee, chaired by LC's Associate Librarian for National Programs, Carol A. Nemeyer. At FLC's December 20 business meeting, FLC official representatives voted to approve changes of the FLC purpose statement and name and also to expand the membership. Proposed changes were reviewed with the Office of Management and Budget in May. In July, the Librarian of Congress approved the plan, and it was published in the *Federal Register* just after the close of the fiscal year, on October 3, 1984. FLC's new name is the Federal Library and Information Center Committee (FLICC), and its expanded membership includes the Defense Technical Information Center, Government Printing Office, National Technical Information Service, Office of Scientific and Technical Information (Department of Energy), and Administrative Offices of the U.S. Courts. The Library of Congress, National Agricultural Library, and National Library of Medicine remain as members, as do each of the executive departments and the National Archives and Records Service, National Aeronautics and Space Administration, National Science Foundation, Smithsonian Institution, Supreme Court of the United States, U.S. Information Agency, and Veterans Administration.

Rotating members were increased from six to ten, and selections are made from the three branches of government, agencies, boards, committees, and commissions. In addition to the Office of Management and Budget, observers status includes the General Accounting Office, General Services Administration, Joint Committee on Printing, and National Commission on Libraries and Information Science.

The committee makes recommendations on federal library and information policies, programs, and procedures to federal agencies and to others concerned with federal libraries and information centers. It also coordinates cooperative activities and services among federal libraries and information centers and serves as a forum to consider issues and policies that affect federal libraries and information centers, needs and priorities in providing information services to the government and to the nation at large, and efficient and cost-effective use of federal library and information resources and services. Further, the committee promotes improved access to information, continued development and use of the Federal Library and Information Network (FEDLINK), research and development in the application of new technologies to federal libraries and information centers, improvements in the management of federal libraries and information centers, and relevant educational opportunities.

This fiscal year the committee sponsored a forum entitled "Federal Information Policies: Emerging Issues on Managing Information Resources" on February 15 at the Library of Congress. Over two hundred participants from the private and public sectors of the library and information community heard and questioned a distinguished roster of speakers. New York Congressman Major R. Owens, a former librarian, was the keynote speaker, and panels were chaired by Dr. Joseph F. Caponio, Director of the National Technical Information Service; Sarah T. Kadec, Director of the Information Management and Services Division, Environmental Protection Agency; and Dan M. Lacy, consultant to McGraw-Hill, Inc.

An Online Serials Management Control Subcommittee was established this year to review online serials systems and to advise committee members of the services available. Pilot agreements were signed with EBSCO and Faxon companies to provide online serials management control.

A number of FLC seminars on the application of *OMB Circular A–76*, covering contracting for commercial services, were held at the Library of Congress. A study entitled *What A–76 Means to Federal Libraries*, by Joseph Becker of Becker and Hayes, Inc., Santa Monica, California, was submitted to the Executive Director's office and distributed to committee members. The study includes a review of the historical development of A–76, an explanation of the growth of library contracting in federal libraries, a presentation of concerns raised by federal library managers, and a summary of procedures for federal agencies to follow in order to comply with the provisions of A-76.

Lee Power, FLC senior program analyst, served on the General Services Administration, National Archives and Records Service, Task Group on Electronic Recordkeeping, which addressed issues relating to the management of records created, stored, or transmitted using personal computers, word processors, and other electronic office equipment and drafted guidelines for electronic recordkeeping.

Federal Library and Information Network

The Federal Library and Information Network (FEDLINK) is a network organization of cooperating libraries and information centers which derives its authority from the Federal Library and Information Center Committee. Through FLC/FEDLINK, federal agencies have cost-effective access to a number of automated services for online research data base searching, as well as online cataloging, interlibrary loan, acquisitions, and serials control.

During fiscal 1984 FEDLINK participation grew nationwide to approximately six hundred agency libraries, information centers, and offices cooperating in the use of thirty contractual services that resulted in 1,246 interagency agreements (947 renewals and 299 new) for approximately 20 million dollars of service. The large number of new agreements resulted from promotional efforts during the marketing analysis study completed this year.

Use of online retrieval services, as indicated by interagency agreements, increased by 21 percent in fiscal 1984. Working with its information retrieval vendors, FEDLINK made a concerted effort to inform federal libraries of its services through special mailings, demonstrations, and workshops. Utilization of these services over the past five years is reflected in the table below.

Utilization of Online Information Retrieval Services

Service	*Number of Interagency Agreements*				
	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
BRS	78	104	125	156	180
DIALOG	66	120	168	221	283
ORBIT	10	55	58	63	88
LEXIS/NEXIS	24	42	59	86	146
LEGI-SLATE	3	18	21	24	32
WESTLAW	2	8	17	44	74
DOW JONES		2	5	9	7
POLITECHS	3	3	3	1	
ISI			5	21	19
DMS					3
TECH-NET					2
CONTROL DATA					3
TOTALS	186	352	461	625	837

Use of the online products and services contract with OCLC continued to expand in fiscal 1984. The number of federal libraries increased from 360 in fiscal 1982 to 390 in fiscal 1983 to 429 in fiscal 1984. In addition to using the cataloging subsystems, federal libraries have made increasing use of interlibrary loan, acquisition, and serials control subsystems.

Access to OCLC's data base of over 12 million records and 150 million holding symbols input by thirty-six hundred members is available to FEDLINK members through the OCLC telecommunications network and also through Tymnet and Telenet by dial access. The federal records added to the OCLC data base consist of over 5 million logical records that are growing at a rate of 65,000 a month. These federal records are available to the membership for production of customized products through FLC contracts with Blackwell North America, Informatics General Corp., and Library Systems and Services, Inc.

Contracts were continued with the Bibliographical Center for Research (BCR) in Denver, the Wisconsin Interlibrary Services (WILS), the Missouri Library Network (MLNC), the SOLINET Southeastern Library Network in Atlanta, and the AMIGOS Bibliographic Council in Dallas to train FEDLINK members located outside the Mid-Atlantic region.

To offer members alternative or additional online cataloging and related services, contracts were also continued with the Washington (State) Library Network (WLN), the Research Libraries Group (RLG) for subject access to its Research Libraries Information Network (RLIN), and M/A-COM Sigma Data Corporation in Rockville, Maryland.

To support shared retrieval services, vendor contracts were continued with Bibliographic Retrieval Services, Inc., DIALOG Information Service, System Development Corporation, Mead Data Central, Inc., and West Publishing Company. Twenty-five member agreements were processed allowing members to load their own user-defined data files on a vendor's system to retrieve information using the full range of search capabilities of the respective contractor's system.

The Market Analysis Project was completed during the year and the final report submitted by RMG, Inc. The report recommended that FEDLINK consider developing an FLC/FEDLINK bibliographic data base with subject access and interlibrary loan, an FLC/FEDLINK Serials Union Catalog with federal library serials holdings, an expanded program of seminars and workshops on library automation and library and information center management (particularly procurement), microcomputer/minicomputer integrated library systems which support capabilities as terminals and/or local access to mass storage devices for possible distribution of bibliographic and other data bases, contracted services for document retrieval and delivery, and an active program of library and information center consultation services for the planning and acquisition of automated library systems by federal libraries. At the request of the Project Review Group, RMG also investigated alternatives to a comprehensive bibliographic data base or a serials data base.

In December 1983 FEDLINK opened its Microcomputer Demonstration Center, which initially contained only three microcomputers—an Apple II+, a BMC if800, and an IBM PC. By year's end, the center had added a Compaq portable computer and a Tandy TRS-80 Model 2000. After an initial purchase of basic software for word processing, electronic spreadsheet, telecommunications, and data base management (and a welcome acknowledgment in *Government Computer News*), several software vendors provided demonstration kits and, in some cases, fully operational copies of the software. The center also has access to two OCLC M300 (IBM PC) terminals in the FEDLINK offices. These terminals have been used to test various software packages for compatibility with the M300.

In September the center began offering computer-based bulletin board services. The bulletin board operates on the BMC if800 computer with a Hayes 1200 auto-answer modem. Any FEDLINK member library may call in, sign on as "GUEST," and register as a user. Users may leave messages and questions for the system operators or other users.

INFORMATION OFFICE

Poetry readings at the Library celebrating the fiftieth anniversary of the Academy of American Poets received extensive press coverage, with a quarter-page photograph of the distinguished poets who participated in the readings carried by the *Washington Post* and stories in *Time* magazine and other national publications. Other stories that met with more than usual interest were a concert marking the seventy-fifth birthday of composer Elliott Carter, the American Folklife Center's Pinelands project, the Pennell and American Congress on Surveying and Mapping exhibitions, performance of three Beckett plays, an opera exhibit at the Kennedy Center, the "Work" symposium, a press briefing held for the Book Industry Study Group on their reading survey, the Harry S. Truman centennial, the press briefing on the occasion of the opening of a user station for the Optical Disk Pilot Program, the Japanese calligraphy exhibition, and presentation to the Library by the Compact Disc Group of all of their music discs. A story in the *National Enquirer* reporting that the Library was a "good source of free information" flooded the Information Office with 6,850 requests.

The Information Office distributed public affairs announcements to area television stations on the Japanese calligraphy exhibition "Words in Motion" and is producing a filmograph for the Federal Research Division. Slide presentations for orientation purposes were created by the office staff for the Associate Librarian for National Programs and the Children's Literature Center, and a videotape production on the CJK terminals was produced to accompany the calligraphy exhibition. The office assisted the Preservation Office in coordinating film proposals and held preproduction meetings with the Associate Librarian for Management to discuss an information and training audiovisual.

The sales and information counters in the Thomas Jefferson Building and the James Madison Building received an accolade in the July 1984 *Washingtonian* magazine, which noted that "among museum shop aficionados the main gift shop at the Library of Congress ranks first in D.C." During the ALA reception in January, sales were brisk and the layout and products of the shop received high marks. In a joint effort with the Publishing Office, changes were made to the sales catalog, including an improved self-mailer order form for speedier service. The manager of the information and sales facility served as a consultant for organizers of a Pratt Library sales counter and also participated in a Museum Stores Association annual meeting. New products of note were leather bookmarks, new slide sets of Library views, needlepoint kits featuring works in the Library's collections, a limited-edition LC stamp paperweight, pillows copying a violin and African design from the collections, and coasters and puzzle postcards of LC views.

The Information Office responded to 3,547 requests for information from the news media in fiscal 1984, compared to 2,879 calls in 1983. Clippings from newspapers and magazines mentioning the Library increased from 6,555 to 8,342. The office replied to 108 questionnaires about Library services and gave assistance to divisions in the production of eight brochures and similar printing projects. The *Library of Congress Information Bulletin* was published and distributed to more than twelve thousand institutions and individuals on a regular weekly basis. The Library's *Calendar of Events* was published and distributed to sixteen thousand subscribers each month, and 147 news releases were distributed.

The office received a first prize Blue Pencil Award for the *Calendar of Events* in the twenty-second annual competition sponsored by the National Association of Government Communicators.

NATIONAL LIBRARY SERVICE FOR THE BLIND AND PHYSICALLY HANDICAPPED

Improvements to the Library of Congress reading program for blind and physically handicapped individuals were focused in two major areas during fiscal 1984: automation and reorganization of the national staff.

Automation highlights included continued development of new NLS/BPH management information systems designed to provide better service to readers. Software for the new Reader Enrollment and Delivery System (READS), which should improve service to readers through increased library efficiency in enrollment, circulation, and routine functions, was delivered in April 1984. Testing of both the software and hardware of the READS system, which is designed to operate on a microcomputer-based Local Area Network, is scheduled for fiscal 1985. A second major system, the Production Control/Management Information System (PC/MIS), is in the final stage of development and is scheduled for installation and testing in the last quarter of calendar 1984. The PC/MIS will allow the Materials Development Division much greater control over the selection, cataloging, production, and quality-assurance functions of the book and magazine production programs. As a result, books will be produced by contractors and delivered to readers in a more timely manner. In addition, management information for budgeting and contracting will be more readily available and have a higher degree of accuracy.

The NLS/BPH reorganization, which took effect on April 30, 1984, achieved several goals. Major accomplishments include centralization of all efforts and projects relating to braille under a new Braille Development Section and provision of a central point for inventory management, supply logistics, liaison with multistate centers (MSCs), and related functions through the creation of a new Inventory Management Section. The Braille Development Section, which combines the functions of the Braille Codes Section and braille-related efforts of the previous project coordinator, is part of the Materials Development Division. The Inventory Management Section, under the Network Division, consolidated MSC functions to allow the Network Services Section to focus more precisely on network libraries.

During the fiscal year the NLS/BPH program served a readership of 630,000; circulation of braille and recorded books and distribution of magazines approached 19 million.

Office of the Director

This year's NLS Automation Conference, held in New York City in July, had the largest attendance ever. The highlight of the conference was a hands-on demonstration of the READS system. The participants asked for speedy completion of the pilot tests and quick release of the software to the network.

In conjunction with the READS system, the NLS telecommunications network (NLSNET) will link local library systems with the NLS computer systems. Detailed requirements for NLSNET were written in fiscal 1983 and incorporated into a request for proposal issued this year. Award of a contract is awaiting approval from Congress to procure equipment.

A study on potential automation of the work of the Publication and Media Section was initiated and a line-item accounting procedure was developed for quarterly reporting on the section's $3 million annual budget. A major streamlining of contracting procedures included consolidation of multiple bid solicitations into one bid package for each format. The section coordinated exhibits at fourteen national conferences which attracted some thirty-four thousand visitors, in addition to publishing and distributing 226 publications that included network bulletins, magazines, bibliographies, catalogs, brochures, news releases, and other items to support the national program.

In an effort to bring together a composite overview of the needs of individuals unable to use print resources and to describe current and historical practices designed to meet these needs, NLS published *That All May Read*, a collection of original essays and history of library service for blind and physically handicapped individuals. The book's authors received the President's Committee on Employment of the Handicapped book award for 1984.

Two international directories were published this year, the *International Directory of Libraries and Production Facilities for the Blind* and the *International Directory of Braille Music Collections*, both of which provide unique coverage of their respective areas. *Publications Procedures,* a manual giving step-by-step instructions on how NLS publications are produced from the time the manuscripts are developed to final distribution of printed materials, was completed this year.

Other public education activities included distribution of new radio and television public service announcements featuring Pearl Bailey and others. Several news features were developed and distributed to the nation's print media to educate the public on the program. The section also coordinated the national media publicity on the historic recorded-cassette dictionary produced by the NLS staff.

Network Division

The Network Division continued to strengthen its services to patrons and network libraries. The division's new Inventory Management Section was one result of this effort. In addition, the assistant chiefs of the Materials Development Division and Network Division exchanged positions as a means of bringing new perspectives to production and network library functions.

Multistate centers, which serve as geographical centers of distribution for the NLS program, continued to play a major role in assisting network libraries in providing quality service to patrons. A major highlight of the year was successful completion of the Quality Assurance Program for Network-Produced Magazines. Sixteen locally produced magazines were upgraded in quality and are now routinely distributed through MSCs. Inventory reporting was improved, as were logistical support and communication between network libraries and the MSCs.

The American Library Association approved and issued *Revised Standards and Guidelines for the Library of Congress Network of Libraries for the Blind and Physically Handicapped, 1984*, a project coordinated by the Network Division and funded by NLS. Based on input from patrons, librarians, and administrators, the guidelines are the backbone of a cooperative relationship among federal, state, and local resources aimed at providing quality library service to the blind and physically handicapped.

The Consumer Relations Section continued to gather and monitor comments from library users through active liaison with organizations of blind and physically handicapped persons as well as individual library patrons. Letters received and answered from consumers increased by more than 36 percent over last year. A procedure for logging patron comments was initiated whereby letters, telephone calls, and other consumer input received by NLS are compiled monthly by subject area. Each quarter an analysis of significant trends is prepared.

The section produced or updated several publications, including the *Introductory Handbook for Patrons*, fact sheets on international interlibrary loan and magazine sales to overseas organizations, and two issues of *Overseas Outlook*. The section also coordinated the editorial content of three issues of *Update* and prepared and submitted to the Publication and Media Section the manuscript for the 1984 edition of *Volunteers Who Produce Books*.

A new publication, *Maps and Graphics for Blind and Visually Handicapped Individuals: A Bibliography*, prepared in cooperation with a bibliographic consultant, was released. Responding to the increased interest in tactile maps and graphics that led to production of the bibliography, the section established policies and procedures relating to the acquisition and circulation of the NLS tactile map collection. On September 21, 1984, the section hosted a meeting of experts who discussed current NLS tactile map activities, potential users of tactile maps, acquisition priorities and sources, and international cooperation in the cataloging and distribution of tactile maps.

As a service to citizens living abroad, 3,408 disc books, 6,501 cassette books, and 205 braille volumes were circulated to overseas patrons. The section answered about eight hundred letters from overseas patrons, other individuals, and institutions. Nearly five hundred international interlibrary loans were made to libraries and agencies serving blind and physically handicapped users abroad. This was an increase of more than 100 percent over last year. The section has begun coordination of the sale of NLS-produced magazines to eligible overseas organizations.

The Network Services Section, in addition to providing standard support services, increased its production of bibliographies, facilitated renovation of network recording equipment, communicated with network libraries and NLS staff on the impact of automation activities, and adapted its consultant program to the newly approved American Library Association *Revised Standards and Guidelines*.

On-site visits and consultative reviews were made to twenty-eight regional libraries this year. In following up last year's visits, eleven regional libraries were phoned to discuss progress made in implementing consultant recommendations. Substantial progress was made toward reviewing and standardizing information on all locally produced applications for NLS service. Thirteen in-depth orientations to NLS, lasting one to three days, were coordinated by the network consultants for twenty-two representatives from network agencies, eleven NLS staff members, and forty-eight other individuals.

Bibliographers selected, arranged, and edited titles for inclusion in *Romances*, a two-disc special-subject-matter bibliography. *Bestsellers 1979–1983* was drafted as a special supplement to the *Bestsellers* bibliography produced in 1979. Fourteen mini-bibliographies were distributed to libraries. Bibliographers produced some of the fourteen reading lists for the Library of Congress/Columbia Broadcasting System "Read More About It" project.

Approximately 4,020 interlibrary loan search requests by title, author, or subject were answered, a decrease of 11 percent from the preceding year. A total of 938 searches were completed in response to telephone calls from libraries, outside organizations, or individuals.

The Music Section finished adding magazine publication codes for some ten thousand music magazine subscriptions to the Comprehensive Mailing List System (CMLS).

Planning progressed on the READS system, which the section will pilot test in fiscal 1985 and use for circulation of all materials to readers.

Parts I and II of the *Braille Scores Catalog—Vocal* were published in braille. *A Music Library for Blind and Physically Handicapped Individuals* (print) was revised, and *Introduction to Braille Music Transcription: Addenda D–F*, by Mary Turner De Garmo, was published in print and braille. Music Circulars 1–3 were revised and distributed and the new Music Circular 4 was issued.

Formal arrangements were completed with the Statens Bibliotek og Trykkeri for Blinde (Denmark) to receive all their current braille music production as issued. Press braille music orders were received from the following foreign braille presses: Statens Bibliotek og Trykkeri for Blinde (Denmark), Royal National Institute for the Blind (Great Britain), and Association Valentin Hauy (France).

Reference Section staff responded to 13,200 inquiries, including requests for program information and copies of NLS publications, and processed a total of 31,745 pieces of incoming mail. Automated data bases were used for 350 separate searches. Staff training in the use of DIALOG and BRS was continued to ensure expertise in reference service. Publication projects continued to be a major activity of the section, involving the skills and participation of every staff member. A total of twenty-one new or revised publications were issued during the year.

Comprehensive Mailing List System activities this year included complete revision of the 170-page *CMLS Handbook*, creation of the Magazine Master File as a transitional step in merging all magazine subscription files for those libraries meeting established criteria, creation of a separate file to use in distributing Reference Section publications, and completion of the magazine merge for regional libraries in Idaho, Maine, Alabama, Colorado, North Carolina, and Utah. By the end of the fiscal year, there were 910,000 subscriptions in the system.

The Inventory Management Section was created through the merger of the Materials Management Unit and the Facilities and Materials Handling Section under the NLS reorganization. The section staff coordinated the Automated Reserve System used to accomplish interlibrary loan of books among the multistate centers, producing and distributing to all network libraries the monthly "Books Wanted List" and purging outstanding requests at the end of each month. In addition, the section prepared and shipped 516 volumes of new handicapped braille titles to multistate centers, continued to add material to the master archival file, and provided pickup and delivery service for repair of machines and braille duplication.

Materials Development Division

A resolution from the Midlands Regional Conference of Librarians Serving Blind and Physically Handicapped Individuals, held in May 1983, recommended that a committee be formed to advise NLS/BPH on equipment production, distribution, and repair. In response, NLS created an advisory committee composed of consumer representatives, Telephone Pioneer representatives, and a network librarian from each of the four regions to improve communications relating to current and projected equipment.

In November 1983 the first annual meeting of the Audio Equipment Advisory Committee was held. The committee made recommendations regarding current production of equipment and related materials; prototype and preproduction equipment; long-term plans for design, procurement, repair, distribution, and retrieval of equipment; and the communication system among NLS, patrons, network librarians, and repair groups on machine-related information.

NLS contracts with producers of braille materials were extensively revised during the year, and in May a meeting to review substantive changes was held for braille producers.

Production levels of cassette machines were satisfactory, and there was a sufficient supply of machines by the year's end. The shortage experienced in fiscal 1983 because the contracted manufacturer went bankrupt was alleviated by contracting with another manufacturer.

Telephone Pioneers and other volunteers repaired more than ninety thousand talking-book and cassette machines, donating approximately seventy thousand hours of labor valued at more than one million dollars.

The automated inventory control system was completed and now contains the entire inventory of cassette and talking-book machines produced and distributed by NLS. The equipment control officer conducted nine visits to machine-lending agencies to audit inventories of NLS equipment. The equipment and materials maintenance coordinator conducted fourteen workshops on machine repair for volunteers and library staff in eleven states.

The Bibliographic Control Section surveyed, cataloged, and made available to patrons a collection of twenty-four hundred titles in braille donated to the Library by the Jewish Guild for the Blind. In addition, the section cataloged more than twenty-four hundred other titles added to the national collection and processed cataloging for nine thousand titles added to the cooperative cataloging project. The additions brought the number of NLS and union entries in the catalog to more than seventy-seven thousand bibliographic records.

The Braille Development Section, created this year, took over the responsibilities of the former Braille Codes Section for training and certification as well as responsibility for development and evaluation projects concerning braille production, distribution, and use. The section also established the braille code requirements of NLS's specifications for braille books, magazines, and pamphlets.

The first phase in developing a high-speed braille embosser was completed, and plans were made for a field evaluation to determine the embosser's reliability, ease of operation in a library setting, and acceptance by braille readers. Also of an experimental nature, a small, one-volume mailing container for braille books, prepared by the American Printing House for the Blind, was tested by about twenty patrons of the Lansing, Michigan, regional library.

A formal evaluation of the Kurzweil Data Entry Machine in a braille production facility was undertaken to determine the most efficient uses of the optical character reader, operational efficiency, and time and cost savings. The machine scans the print more or less automatically and translates print into machine-readable characters for further processing.

A new venture for NLS involves preparation of the second edition of *World Braille Usage*, first published in 1953. NLS was asked to carry on this task, begun by another contractor, after project planning has been completed. Under the auspices of the World Council for the Welfare of the Blind and Unesco, the project will require NLS to construct as complete a list of braille-alphabet signs as possible from as many countries as possible.

Over the next two years, seventeen official histories of the war in Vietnam will be produced on cassettes and made available through the NLS/BPH service network and Veterans Administration libraries. Multiple copies of the titles were obtained from the armed services and presented to NLS by the Government Publications Interest Groups of the District of Columbia Library Association.

The *NLS Collection-Building Policy* was completed this fiscal year and implementation is planned for October 1, 1984. This policy supplements the existing *NLS Selection Policy on Reading Materials*, providing more specific information on current holdings and proposed future developments. Creation of the policy was a joint effort involving staff and members of the Ad Hoc Advisory Group on Collection-Building Activities.

Book-of-the-Month Club and Literary Guild main selections are now appearing on flexible discs, along with titles from major bestseller lists. Alternate selections of these book clubs are also being routinely considered and added to the collection, as are award-winning titles. Arrangements were made to replace *Blind Data Processor* in the periodical collection with a braille edition of *Popular Computing*, a monthly automation magazine. Distribution begins in October 1984.

The Engineering Section completed drawings for use in C-2 cassette machine procurement. All specifications for equipment, talking books, braille books, and related material are now on computer disks, which are stored and maintained at an off-site facility. Production of the E-1 cassette machine, designed for ease of operation by severely physically handicapped and elderly patrons, began with a pilot run of fifteen units. The microprocessor program used in this machine will be adjusted, based upon patron response, before full production begins in fiscal 1985.

Various manufacturers and volunteer organizations produced and distributed in braille or recorded form a total of 2,050 titles. Seventy-five mass-circulation magazines were produced and distributed in braille or on flexible disc. Studio staff recorded seventy-five books and eight special projects and participated in the production of twelve voice-indexed books for the national collection.

Two copies of the voice-indexed *Concise Heritage Dictionary* were shipped to each network library. In addition, the American Printing House for the Blind, under contract with NLS, sold at cost more than nine hundred copies of the dictionary to eligible persons or institutions in the United States and abroad.

The Quality Assurance Section implemented a full-time program of inspecting NLS cassette machines to ensure that only the highest quality equipment is being shipped to the network. Quality requirements in NLS contracts and specifications were upgraded, enabling NLS to evaluate more accurately the present and past performance of all manufacturers involved in production for NLS. Efforts were also made to further improve the quality-control programs of the various braille producers.

PUBLISHING OFFICE

Among the many and varied objectives of the Library's outreach programs, one of the broadest involves the publication of major reference works that both facilitate access to the Library's vast collections and serve as important sources in themselves. Fiscal 1984 saw the publication of several landmark volumes that should be of permanent value not only to scholars and researchers but to students and generalists as well.

An especially innovative approach to the preparation of a major guide is evident in *Historic America: Buildings, Structures, and Sites Recorded by the Historic American Buildings Survey and the Historic American Engineering Record*, a volume that celebrates the fiftieth anniversary of HABS/HAER. Seventeen essays, edited by C. Ford Peatross, cover the survey's first half-century and indicate the range of architectural materials available at the Library of Congress. In addition, a comprehensive checklist of HABS photographs, measured drawings, and data sheets, compiled by Alicia Stamm, lists 16,738 buildings, structures, and sites documented by HABS and HAER. Totaling 708 pages and containing 447 illustrations, the volume represents a significant achievement in providing both background information on one of the Library's outstanding collections and a means of access to that collection.

A publishing milestone was reached in May when the office brought out the tenth volume of *Letters of Delegates to Congress, 1774–1789*, edited by Paul H. Smith. With this most recent compilation, which includes documents from June 1 to September 30, 1778, the series now totals 7,735 pages and covers four of the nation's most crucial years. Still a decade away from completion, *Letters of Delegates* has already become an indispensable source of firsthand information on the ideas and men that shaped the American Republic.

Results of another major effort in connection with the celebration of America's Bicentennial were made available this year in *Revolutionary America, 1763–1789: A Bibliography*, compiled by Ronald M. Gephart. This definitive guide to both primary and secondary sources relating to the American Revolution will undoubtedly become a standard reference. Compiled over a ten-year period, the two-volume, 1,672-page bibliography includes 14,810 entries citing pertinent monographs, doctoral dissertations, collected works, festschriften, pamphlets, and serial publications in both the general and special collections. *Revolutionary America* provides an essential framework not only for scholars and historians whose research deals with the revolutionary period but for anyone interested in learning more about the nation's origins.

The Publishing Office also brought out two major guides to important collections in the Library's Geography and Map Division. *Railroad Maps of North America: The First Hundred Years*, by Andrew M. Modelski, has been enthusiastically received by railroad buffs, map lovers, historians, and the general public. The book provides a historical record and also displays a sampling of the Library's cartographic and photographic treasures in an oversize format (14 x 11 inches). An introductory essay traces the history of railroad mapping on the continent, and ninety-two maps are reproduced which both record the achievements of the early railroaders and illustrate the development of cartographic style and technique.

The second edition of *Panoramic Maps of Cities in the United States and Canada: A Checklist of Maps in the Collections of the Library of Congress, Geography and Map Division*, compiled by John R. Hébert and revised by Patrick E. Dempsey, includes 609 new entries, bringing the total to 1,726. An introduction describes the panoramic map industry in Victorian America, and twenty-seven illustrations offer a representative sample of panoramic maps from the collections.

In 1979 the Library's American Folklife Center inaugurated the Federal Cylinder Project, a program to organize, catalog, duplicate for preservation, and ultimately disseminate the contents of early cylinder field recordings in federal collections. The results of this effort are being published in a series entitled *The Federal Cylinder Project: A Guide to Field Cylinder Collections in Federal Agencies*, edited by Dorothy Sara Lee. This fiscal year the Publishing Office brought out two volumes in this series, an introductory volume and a volume covering the Benjamin Ives Gilman Collection and the Berlin Phonogramm-Archiv Demonstration Collection.

Gourmets, rare book aficionados, and social historians will find food for thought in Leonard N. Beck's *"Two Loaf-Givers," or A Tour Through the Gastronomic Libraries of Katherine Golden*

Bitting and Elizabeth Robins Pennell. The title, a reference to John Ruskin's proposed derivation of the word *lady* from "bread-giver" or "loaf-giver," is a tribute to the two ladies who presented their superb and extensive collections of cookbooks to the Library of Congress. The author reviews the most important books in these collections and records the connection of cookery with significant historical events and with famous men and women in politics, literature, and the arts.

Again in fiscal 1984, a number of special publications were devoted to persons and personages of international note. *Kemal Atatürk: A Centennial Bibliography (1881–1981)*, compiled by Abraham Bodurgil, is a definitive reference tool with more than two thousand entries listing pertinent works published in western languages and Russian. *Robert Lowell: A Lecture Delivered at the Library of Congress on May 2, 1983*, by Anthony Hecht, pays tribute to the late American poet who, as the author phrases it, "is, first of all, clearly and singularly, Robert Lowell—which, as a poet, is not a bad thing to be." *Ignacy Jan Paderewski, 1860–1941*, by Jenina W. Hoskins, provides a biographical sketch and a selective list of reading materials relating to the great concert pianist and composer who was also prime minister of Poland immediately after World War I. The office published two additional lectures delivered at the Library under the auspices of the Gertrude Clarke Whittall Poetry and Literature Fund, Richard Ellmann's *Oscar Wilde at Oxford* and Reed Whittemore's *William Carlos Williams: "The Happy Genius of the Household."*

The *Quarterly Journal of the Library of Congress* ceased publication with its Fall 1983 issue, which included articles on the *Turkestanskiĭ Al'bom*" (a collection of photographs documenting nineteenth-century life in Central Asia), the development of the written Spanish language over the last millennium, collections within the Library that originated in the Federal Arts Projects of the 1930s, and the classic horror films produced by Universal Pictures between 1930 and 1936.

As the second in a series of occasional papers of the Library's Council of Scholars, the Publishing Office brought out *Theories of Criticism: Essays in Literature and Art*, which included an essay by M. H. Abrams entitled "Literary Criticism in America: Some New Directions" and one by James Ackerman entitled "Interpretation, Response: Suggestions for a Theory of Art Criticism." Other lectures that became books this year included *Book Collecting: Personal Rewards and Public Benefits*, by William P. Barlow, Jr., the ninth in the series of Engelhard Lectures on the Book; *The Book Enchained*, by Harrison E. Salisbury; and *United States-German Relations, Past and Present*, three papers presented by Willard Allen Fletcher, Stephen F. Szabo, and Stanley R. Sloan at a symposium commemorating the 300th anniversary of German settlement in the United States.

The office published three reports in the *Library of Congress Acquisitions* series, covering recent additions to collections in the custody of the Geography and Map Division, the Manuscript Division, and the Rare Book and Special Collections Division. The annual *Children's Books* list for 1983, compiled by Margaret N. Coughlan and a committee of children's book specialists, describes 176 works selected for literary merit, usefulness, and enjoyment.

The new titles cited thus far provide some indication of the breadth and diversity of the Library's publishing program, which is designed to reflect the goals of the institution itself. A number of additional books for 1984 further emphasize that the Library's fields of interest are virtually limitless. For example, Curtis G. Benjamin's *U.S. Books Abroad: Neglected Ambassadors*, prepared for the Center for the Book, advocates a cooperative approach that would bring together disparate parts of the U.S. publishing community to help fulfill the immediate educational and economic needs of Third World countries. *Federal Information Policies: Emerging Issues on Managing Information Resources*, prepared for the Federal Library Committee by Nancy E. Gwinn, is a narrative report of a conference sponsored by the committee and held at the Library in February. *Czech and Slovak Literature in English: A Bibliography*, by George J. Kovtun, covers translations of prose and poetry, criticism and literary history, and works by individual authors. *The Card Catalogs of the Library of Congress: A Brief Description*, by Barbara Westby and William J. Sittig, is a comprehensive guide to the Library's general and special catalogs. *Antarctic Bibliography: Indexes to Volumes 8–12*, edited by Geza T. Thuronyi, includes studies on Antarctica abstracted in *Antarctic Bibliography* from 1976 through 1982. And *Paper and Its Preservation: Environmental Controls* (Preservation Leaflet No. 2), prepared by the Preservation Office, is an informative summary intended for librarians, archivists, book collectors, and others concerned about preventing the deterioration of works on paper.

In addition to its overall responsibility for the editing, design, and production of the Library's publications, the Publishing Office prepared *Library of Congress Selected Publications, 1984*, an illustrated sales catalog listing some of the most important LC books produced through the Government Printing Office, and *The Library of Congress Card and Gift Catalog, 1984–1985*, presenting such additional Publishing Office products as greeting cards (twenty new designs this year, as well as thirteen of the all-time favorites from years past), photograph reproductions, books about the Library and its collections, and map facsimiles, together with a variety of other gift items. The office is also responsible for compiling and publishing the *Annual Report of the Librarian of Congress* and for publishing the summary annual report prepared for general distribution by the Information Office.

A complete list of the Library's publications for fiscal 1984 can be found in Appendix 14.

3

Congressional Research Service

Nineteen eighty-four was an exciting and productive year for the Congressional Research Service. With a 6 percent increase in workload to an all-time high of 442,247 inquiries cleared, considerable effort was made in the application of new technologies. The director convened an ad hoc study group to plan for the large-scale introduction of microprocessors. By the end of the year, training for staff in the use of electronic spreadsheets and data base management systems had begun, and the first increment of microprocessors was being ordered.

To expedite the assignment of requests, the Electronic Mail System network, developed by House Information Systems, was expanded to include the CRS reference centers and research divisions. The Inquiry Status and Information System was expanded to make reporting techniques more efficient and to enhance the distribution of statistical data to CRS management. The research divisions' capabilities in quantitative analysis were also enlarged by the development of several new statistical models.

The Selective Dissemination of Information (SDI) service was expanded to a total of nearly one thousand subscribers, conversion of the CRS serials operations to Faxon's LINX system was completed, and a series of topic-specific microthesauri were developed. The Service produced thirty-six new legislative issue programs for airing on the House cable television system and introduced twenty-three new Audio Briefs on cassette tapes.

These technical developments were managed as the CRS staff continued its support of Members, committees, and congressional staff by providing research, analysis, and factual information on myriad subjects. To enhance this support in an area of particular concern, a new interdivisional team was being formed on international and domestic space activities. Additionally, the Service conducted training and outreach programs for 12,639 participants.

MEMBER AND COMMITTEE RELATIONS

Member and Committee Relations (MCR) staff conducted twelve institutes for Member and committee staff having legislative responsibilities, five for field office staff, and one for administrative assistants. The Capitol Hill Information Seminar was offered five times. Attendance at these programs numbered 1,730. During the first two weeks of January the fifth annual Public Policy Issues Institute was held twice, with 739 legislative staff participating, and the Service again offered an array of issue-oriented seminars for Members of Congress and congressional staff. The seminar on the President's fiscal 1985 budget submission drew 134 attendees. The House and Senate Agriculture Committees, the Farm Foundation, and CRS cosponsored a 1½-day Agricultural Policy Conference in which seventy congressional staff members participated.

Among other topics covered in seminar programs were the deregulation of financial institutions, the future of Medicare, disarmament in Europe, administration policy in federal R&D, political broadcasts, the invasion of Grenada, industrial policy, monetary policy, education policy (a six-segment forum), subminimum wage for youth, agricultural trade issues, and deficits, interest rates, and the economic recovery. An eighteen-part "Federal Law Update" series covered recent decisions handed down by the Supreme Court. A total of 1,866 Members and staff participated in the sixty-six seminar events.

The MCR staff gave 214 briefings for 4,632 congressional staff members to aid them in effectively using CRS resources. A total of 4,347 students attended the 151 programs conducted for congressional interns through the year. The 2,924 summer interns represented a 3 percent decrease as compared to the same period last year.

The MCR staff also conducted 245 briefings on CRS's mission and services for 1,517 noncongressional visitors, an increase of 33 percent over the previous year. Among these visitors were 302 members of foreign parliaments and parliamentary librarians, 258 cabinet-level officials from forty-seven nations, and 957 U.S. government employees and librarians from research, academic, state, and local public libraries nationwide.

A member of the Orientation and Briefings Section staff also traveled to Japan at the invitation of the Japan Economic Foundation and the National Diet Library and to Australia, New Zealand, and Thailand at the invitation of the U.S. Information Agency and the respective national parliamentary libraries to conduct seminars on legislative reference and research services for parliamentary library and research staff in those countries.

In compliance with P.L. 88–246, the Service compiled the manuals for use in high school and college debates during the 1984–85 school year. The high school debate manual, *How Can the Federal Government Best Decrease Poverty in the United States?*, was issued as Senate Document No. 98–25. The manual on the college debate topic, *Should the U.S. Federal Government Significantly Increase the Exploration and/or Development of Space beyond the Earth's Mesosphere?*, was sent to the Public Printer to be published as House Document No. 98–257.

The *CRS Review*, published for the Congress ten times a year, now has a circulation of approximately seven thousand copies. It is also available from the Government Printing Office in single copies or by subscription. The monthly publication *Update*, available only to congressional offices, has a circulation of over sixty-five hundred.

LABOR-MANAGEMENT RELATIONS

In January of the past fiscal year, management and the Congressional Research Employees Association (CREA) entered into a significant agreement which established a "New CRS Crossover Program." This program contains: an Educational Grants Component, which provides "CRS employees who are not in professional positions and who lack the educational qualifications to compete effectively for professional positions in CRS an opportunity to obtain the qualifications necessary to compete for such professional positions either under regular postings or under special Library programs," and a Position Component, which provides "CRS and Library employees not in professional positions an opportunity to compete [under postings where competition is limited to Library employees] for professional positions at or above grade GS–5 with education and experience appropriate to that grade and to be considered fully qualified professionals covered by a professional career ladder."

Also during the past fiscal year, management and CREA bargained to impasse over the establishment of an "Employee Assistance Program" which would have covered all CREA bargaining unit members. This program, the implementation of which will now be delayed by the time needed to resolve the negotiability claims and the matters at impasse, will eventually, when all legal issues are resolved and final agreement is reached, be the agreed upon framework under which appropriate Library offices will "help employees resolve their behavioral/medical problems through prevention programs, counseling, assessment, and referral to organizations and individuals in the community for treatment and rehabilitation."

INTERAGENCY ACTIVITIES

Cooperative activities between the Service and the Congressional Budget Office, the General Accounting Office, and the Office of Technology Assessment continued to expand. Meetings with all four agencies' specialists attending were held on industrial and employment issues, telecommunications, education, privacy, and health.

Additionally, the interagency coordinating group met approximately every six weeks to discuss coordinating activities generally and to review all new major studies. The Service also continued to assist its sister agencies by responding to their 4,400 requests for information.

An interagency video/slide show for agency staff and congressional audiences was produced by the Service in conjunction with the other three congressional agencies. To enhance effective liaison, the show, which discusses the agencies' missions, was shown to all CRS staff.

INQUIRY STATUS AND INFORMATION SYSTEM

The Inquiry Status and Information System (ISIS) reports the status of inquiries and prepares official CRS statistics. ISIS staff refined and expanded management reports and enhanced communications with divisions. Timely distribution of statistical data to CRS management was emphasized, and new monthly reports and revised reporting forms and instruction manuals resulted in the development of easier and more efficient reporting techniques. Six ISIS clerks input a total of 442,247 completed congressional requests.

AUTOMATED INFORMATION SERVICES

Automated information services include on-line information systems, batch searching and processing services, systems analysis and programming, statistical analysis, computer graphics, word processing systems, support of personal computer applications, micrographics, copier technology, communications, and a variety of audiovisual systems and products. General coordination, as well as considerable operational responsibility, is exercised by the Office of Automated Information Services (AIS). AIS personnel are also active participants in information systems groups within the Library and throughout Capitol Hill.

Computer and Computer-Related Services

The number of congressional and CRS staff trained by the Information Systems Section (ISS) increased some 5 percent to a high of 2,115. The number of SCORPIO searches also increased 9 percent to a total of 286,895. At year's end there were 156 computer terminal stations in the Service and 1,581 in congressional offices making nearly 24,000 SCORPIO searches per month.

ISS staff participated in District/State Institutes, Capitol Hill Information Seminars, and "computer literacy" seminars for congressional administrative assistants. They also worked closely with the Library's Automated Systems Office on the new SCORPIO PRINT command—a major enhancement of the system. The section also contributed to development of improved HELP facilities in SCORPIO that will render the system more self-evident and ease problems of training new SCORPIO users.

Computer graphics support to the CRS research divisions continued to increase. ISS's expert in this field designed and implemented a servicewide training program, produced scores of graphs and charts for the research divisions, and brought into production a new stand-alone graphics system within the Service to supplement the existing system.

To place these computing tools in the hands of the researcher, ISS has held classes in ROSCOE, SAS, and SAS/GRAPH programming languages, prepared associated special documentation, conducted specialized one-on-one sessions, and offered a continuous troubleshooting service for CRS staff developing divisional projects. The ISS technical staff also applied computer technology to a number of other CRS-wide projects and administered the Service's network of computer terminal work stations.

Data processing support was provided both for internal CRS management activities and for research activities on behalf of Congress. Three of these deserve special mention: AIS provided data processing support to the Foreign Affairs and National Defense Division in compiling the annual index to "Legislation on Foreign Relations" and developing a system containing statistical information about the U.S. foreign aid programs over the years. AIS programming staff also supported the Government Division in developing and implementing a model to illustrate the effects of various congressional apportionment formulas on selected states, given a range of probable future population.

Office Automation

The Audiovisual and Office Systems Section staff devoted a major effort to providing technical and logistical support to the CRS Management Committee on Microcomputers. The committee sponsored a preliminary study by the Arthur Young consulting firm to define the Service's requirements and then added its own analysis to that of Arthur Young to complete the determination of how CRS might best proceed to equip its research and support staff with this new and powerful tool.

By the end of the fiscal year, the Service was in the process of ordering the first increment of microprocessors and a substantial beginning had been made in the training of the research staff in the use of electronic spreadsheets and data base management systems.

The Service's workload was reflected in the steady increase in the demands placed upon the Selective Dissemination of Information system and upon Issue Briefs and other components of CRS Info Packs. The Service's photocopying capacity was taxed to the extreme in meeting these demands, which required a total of some thirty million impressions during the fiscal year. Although efficient utilization of copying equipment kept unit costs low, the total volume of copying output was sufficiently high to constitute a significant item in the CRS budget. Considerable care and effort were expended in redesigning the copying function for the forthcoming year.

Participation in the Library's Optical Disk Pilot Program also involved significant effort on the part of the CRS automation staff. It is hoped that this program will result in applications of direct use to the Service in the future.

The Audiovisual Unit produced thirty-six new legislative issue programs for airing on the House cable television system and scheduled viewing by interested House and Senate staff. Seven of these programs dealt with congressional oversight, and a major production covered the subject of legislative procedures in the House of Representatives.

Twenty-one of the television programs were also produced in Audio Brief format and are being distributed upon request in cassette form. Two original Audio Briefs were also produced.

Major Issues System

The Issue Brief Section edited 192 new Issue Briefs and entered them into the SCORPIO system during the year. These briefs covered such current issues as housing assistance to low- and moderate-income households, superfund, antisatellites, Central America and U.S. foreign assistance, the turmoil in the Philippines, health care cost containment, and selected legislative issues of the 98th Congress.

Over the past year, the on-line Issue Brief file averaged some four hundred titles, each kept current by analysts in the CRS research divisions. In conjunction with the research divisions, the Issue Brief editorial staff published five editions of *Major Legislation of the 98th Congress*, a periodic status report on congressional activity across the spectrum of public policy issues.

In response to direct congressional demand, approximately 51,000 Issue Briefs were sent to congressional offices by the Issue Brief Section staff. Another 217,180 were distributed through Info Packs and as portions of broader CRS responses to Congress.

ASSIGNMENT, REFERENCE, AND SPECIAL SERVICES

Inquiry Section

The Inquiry Section processed 244,120 congressional requests, a 4 percent increase over fiscal

1983. Requests that are to be assigned in written form are entered into ISIS, which was enhanced during the year to permit the direct electronic transmission of inquiries between the Inquiry Section and the divisions. This development allows the section to assign a request to the "answering division" within seconds.

In addition to receiving congressional requests by telephone, in person, and in writing, the section received requests from House offices through the Electronic Mail System (E-Mail) developed by the House Information Systems Office. This has been especially useful for district offices in time zones other than eastern standard.

Congressional Reference Division

The Congressional Reference Division (CRD) reached a new high as it cleared 280,738 requests in fiscal 1984, moving these inquiries more quickly and with lower backlogs than in any previous year. The division continued to use established streamlining techniques, such as transfer of appropriate requests to reference centers and the production of anticipatory prepackaged team kits and Info Packs, to handle the ever-increasing volume of requests more efficiently.

Renovation was the keyword this year as two of the division's reference centers and a portion of its main offices underwent changes. The Longworth Reference Center was refurbished, and structural changes and rearrangement provided additional space for files and shelving—a large improvement in the capabilities of the smallest reference center.

The Senate Reference Center (SRC) was expanded after space in the Russell Building became available with the shift of many Senate offices to the new Hart Building. The SRC doubled in size from two rooms to four and now has adequate space for the CRD staff assigned there and can better accommodate the large numbers of Senate staff who visit the SRC (27,046 in fiscal 1984). The newly renovated space has a main reference room, a reading room for congressional staff, a room for the Senate Information Distribution Center, and a room for handling deliveries and storing microform reference materials.

Renovation in the division's main offices was begun in September to provide more efficient work and storage space for the Info Pack program. Work stations for the production team were consolidated in the front of the division, and the Info Pack team was moved to the center of the division and outfitted with assembly tables. This operation produced 201,051 Info Packs, distributed primarily through the Information Distribution Centers and mini-IDC's in the reference centers. The program reached an all-time high in August when 20,738 Info Packs were distributed.

The Info Pack team also supports the CRS seminar program by providing Info Packs for the institutes and seminars throughout the year. Info Packs continued to reflect the areas of most intense congressional interest, some of the more popular subjects being the Grace Commission, the budget process, acid rain, Central America, and school prayer.

Innovation in CRD's lines of communication has provided division staff with new resources. Expansion of E–Mail to the division's operations enables the reference centers and reading rooms to send inquiries instantly to the Inquiry Section and allows quick communications between the centers and other parts of the division and the Library's Loan Division. Development of resource manuals for the centers has helped standardize procedures and made it easier for fill-in staff to locate instructions and materials in any center.

Two microfiche projects begun last year—one of annual reports of the *Fortune* 500 corporations and the other of publications of the various groups that rate Members of Congress on their voting records—were completed. CRD staff also served on the CRS Microcomputer Study Group and the Library's Optical Disk Pilot Program Committee. The division will be a site for one of the optical disk terminals used in the pilot program.

In addition, an innovative program with area library schools brought five students to CRD over the course of the year. These students provide support to the division in handling the high volume of requests and enjoy a rich learning experience in reference librarianship.

Library Services Division

During fiscal 1984 the Library Services Division took action to make its products and services more "user friendly." Several publications were revamped to facilitate use by congressional clients. Locational signs for special collections were added throughout the division, reference files were more closely monitored, and materials on high-interest topics were relocated to make them more accessible.

The *Subject Catalog of CRS Reports in Print* was wholly revised before the January edition was printed. The catalog's new arrangement by broad subject terms has reduced the number of pages: The January edition included 1,065 reports in 122 pages, and the midyear supplement carried 245 reports in 36 pages.

The fifteenth edition of the *Legislative Indexing Vocabulary (LIV)* was printed and made available in January. A derivative of the *LIV* is the series of topic-specific microthesauri that the division has produced to assist CRS and congressional staff in locating items in the CRS data bases. Each microthesaurus is devoted to one topic and includes searchable terms, cross-references, and examples of pertinent legal cases, laws, and corporate bodies. Also, the division was invited to evaluate the utility of a computer-based thesaurus management system, LEXICO.

The division expanded its production of bibliographic tools, with 5,960 new products ranging from preliminary bibliographies on the flat-rate tax to report bibliographies on Congress and foreign policy. Several bibliographies were prepared for inclusion in committee publications, and research guides were prepared for the high school and college debate manuals and for five other topics. The division became a coauthor of a new series entitled *Overviews*, each issue of which is devoted to a single topic and consists of full-text newspaper editorials and public opinion polls on the featured policy area. Thirteen issues were produced during the fiscal year.

The division made several changes in the Main Reference Files. A staffed checkout desk helps to better control the materials taken from the division for research use and provides a record of which files need the most attention and which are the most used.

The files were supplemented by two new acquisitions. The division accepted the *U.S. News and World Report* biography files and completed the task of choosing materials that were lacking. And under an ongoing arrangement with the *Congressional Quarterly*, the division is subscribing to the editorial page only of 100 U.S. newspapers. Editorials dealing with national issues are added to the files. Both of these acquisitions are important because of congressional interest in policymakers and editorial opinion on policy issues.

The Selective Dissemination of Information (SDI) service expanded from 538 to 621 congressional subscribers and from 355 to 378 CRS subscribers. Requests for the full text of documents increased from 72,482 in fiscal 1983 to 76,392 in fiscal 1984.

The SDI also was changed to enhance its utility: congressional subscribers now receive a reusable preaddressed envelope each week to use when requesting the full text of any item in the SDI. The bright yellow envelopes are distinctive, and the resulting requests can be expedited through the assignment process.

Several new profile terms were added to the SDI to better highlight various kinds of information. The authorizations and appropriations process can now be tracked using the term "budget documents." Congressional subscribers can monitor activities of their state using the state name and can also track their region. To make biographical information more accessible, the SDI now includes the profile term "current biography," which features citations on policymakers, journalists, and world leaders.

At the close of fiscal 1983, the division began to record its receipts of magazines and journals using the Faxon LINX system. By the end of fiscal 1984, the entire serials operation had been converted to LINX, and the system is producing management and financial reports as well as the *CRS Magazine Manual*, which was printed in September. The next development we expect from the system is an accounting package compatible with the division's needs.

Acquisition of library materials remains a central responsibility of the Library Services Division. The division's efforts have been focused on exploring and developing methods of obtaining needed research materials promptly and, to the extent possible, inexpensively. To this end, the amount the division is permitted to obligate by telephone order was raised for the first time in eight years.

The division has also made extensive use of the LC Exchange and Gift Division's collections of surplus federal and state documents. Using these sources meant savings of at least $15,000 in the department's materials budget and also meant that the Library Services Division could provide materials to CRS researchers faster than would have been possible through purchase.

The collections within all CRS divisions are controlled through a union catalog maintained by the Library Services Division. An inventory of the catalog was undertaken this year to ensure that the collections are intact, to update any superseded materials, and to establish a foundation for even greater resource sharing within the department. Several other projects, such as union lists of newspapers and newsletters, were also completed and now provide additional locational information to researchers when needed for responding to congressional requests.

Language Services Section

The Language Services Section cleared approximately nineteen hundred requests and three thousand pages of written translations. In addition to translations of a number of documents such as newsletters, speeches, reports, and news articles, Language Services provided foreign language assistance in other ways. Staff members transcribed a number of tapes in foreign languages, served as interpreters in congressional offices and assisted with congressional phone calls to foreign countries, analyzed films produced in Spanish, and tutored some Members with regard to pronunciation of foreign phrases and terms. Staff also filled requests for foreign language research and information.

The trend toward more Spanish translating continued. More than 125 Members sent requests for documents to be translated from Spanish into English, and the number of Members who regularly send documents for translation into Spanish now exceeds sixty.

Language Services worked with the Library Services Division this year to enter translations of timely and general interest into the SDI system so that they will be available to specialists and Members. Efforts on this promising project will be strengthened in the months to come.

One new full-time member was added to the staff, a specialist in German, French, Italian, and Latin. Two ninety-day temporary positions were also filled, primarily for work in Spanish, bringing the total number of translators in the section at the end of the fiscal year to six, in addition to the secretary and supervisor. The section now handles requests for a total of thirteen languages, with each translator working with a minimum of two foreign languages.

RESEARCH SERVICES

Interdivisional Teams

Interdivisional teams bring together CRS staff who have different professional skills and a mutual interest in areas being considered by the Congress. This year there were teams on appropriations, authorizations, and budget processes; agriculture, food, and nutrition; bicentennials of the Constitution and the Congress; civil rights; education; energy; executive organization; foresight; housing; information resources, technology, and policy; international economic policy; oceans; retirement income programs and issues; taxation; and women's issues. A new team on international and domestic space activities was being formed at the end of the year.

Numerous team meetings, seminars, and workshops were held, many of which were attended by staff of the other congressional support agencies and by congressional staff. These activities provide a forum at which experts from government and the private sector can present their views on recent developments over a wide range of areas.

Major Research Projects

In fiscal 1984, 754 major research projects were completed, of which 21 percent were interdivisional. The subject and policy reports which are statutorily mandated to be submitted to all committee chairmen at the beginning of each new Congress were initiated for the 99th Congress. Another interdivisional/interdisciplinary effort which has proven to be a valuable resource to the Congress is a continuously updated survey Issue Brief on selected active legislative issues.

External Research

The needs of Congress for wide-ranging and specialized research require the Service to occasionally draw on outside sources to respond fully to requests. Through its contracting authority, the Service has available a spectrum of resources from the private and academic research communities that could not be economically maintained on a permanent basis. This ability to draw on outside expertise for both quick-response and longer-term projects greatly enhances the capacity of the Service to meet congressional needs.

Seventy-five contracts were let in fiscal 1984 to assist the Service in carrying out fifty-three projects, at an average cost of approximately $11,000. Contract efforts reflected major concerns of the Congress. Assistance was obtained for studies of such issues as restructuring of the civil service retirement system; the Mexican political and economic situation; the food situation in the Third World; supply, demand, and price of natural gas; status of the federal statistical system; the economics of the Peoples Republic of China; background for the 1985 Review Conference on the Nuclear Nonproliferation Treaty; Latin American economic problems, policies, and prospects; and the impact of earnings on Aid to Families with Dependent Children (AFDC) grants.

Senior Specialists' Activities

Senior specialists provided major analyses; led interdisciplinary and interdivisional teams; advised and consulted with Members, committees, and staff; briefed and traveled with fact-finding delegations to foreign countries; assisted the Senate and House in major program initiatives; and provided a bridge for the Congress to various academic and professional communities.

Major studies were completed on the social security and government retirement systems, the U.S. military planning system, international debt, recession, deregulation, nuclear proliferation, the implications of Supreme Court decisions for legislation, arms negotiations and diplomatic relations with the Soviet Union in Europe and the Third World, and East-West commercial relations.

Interdivisional studies involving senior specialists focused on entitlement programs, Soviet space programs, inflation and recession in the U.S. economy, industrial policy and innovations, information and computer usage, domestic housing, energy demand and conservation, and legislative-executive relations.

Senior specialist lawyers advised Members, committees, and staff on such constitutional issues as election laws, foreign tax and commercial laws, and treaties. Many Members and committees were assisted in their meetings with foreign officials and specialists through briefings, background papers, and other types of assistance.

Efforts of the Congress to improve its functioning in procedures and rules, proposed televising of the Senate, handling the budgetary process, and reacting to Executive and Supreme Court rulings all drew heavily on senior specialists associated with the Government Division.

With respect to the broader professional community, meetings and joint research efforts were arranged with outside specialists and executive agencies on government finance and taxation, education of American Indians, energy policy, and election laws. Workshops, briefings, and meetings were also held to discuss in detail issues tied to the congressional calendar on weapon systems choices and on decisions concerning U.S. support of international organizations.

American Law Division

The American Law Division provides committees and Members of Congress with requested legal research and analysis. During fiscal 1984, the division also continued preparation of the decennial revision of the *Constitution of the United States – Analysis and Interpretation* (the *Constitution Annotated*); participated in institutes for Members and their staffs designed to illuminate the intricacies of contemporary legal developments, congressional operations, and major policy issues; published and maintained the *Digest of Public General Bills and Resolutions*; assisted in the preparation of several congressional publications; and provided support for other CRS divisions.

The division made extensive use of paralegal assistants, including several temporary employees during periods of particularly high congressional demand. Section heads continued cross-sectional assignment and review in order to adjust to the shifting interests of Congress and to ensure the most effective use of the division's resources. Contributions of the division's expanded Special Assignment Unit and associated senior specialists enabled the division to furnish in-depth, authoritative assistance on rapidly changing issues of intense congressional interest.

Congressional concerns over executive appointments and nominations to various agencies' regulatory and advisory positions generated considerable demand for assistance from the Administrative Law Section. Court decisions and the legislative proposals which evolved in response, involving the legislative veto, bankruptcy and bankruptcy judges, pay equity, Outer Continental Shelf oil and gas leasing, and civil rights, required substantial work.

Other issues analyzed by the section dealt with problems associated with drunk driving, the regulation of communications media, hazardous wastes, the financial difficulties of nuclear power plants, cable television, and proposals to amend the Constitution to make English the official language of the United States.

Among the topics analyzed by the Consumer Law Section's attorneys during the year were the effect of proposed federal products liability law on existing state law, modifications of FTC jurisdiction, the antitrust liability of municipalities, substantive bankruptcy reforms, credit card surcharge legislation, banking industry regulation, and tax questions associated with consideration and passage of the Deficit Reduction Act.

Analyses and consultations provided by the Congress Section dealt with the Simpson-Mazzoli immigration proposals, the invasion of Grenada, administration proposals to revise OMB Circular A–122 concerning the use of public funds by federal grantees to lobby, the pocket and item vetoes, export administration, conflicts between Congress and the Reagan administration over congressional access to information, and questions concerning upcoming elections.

In addition, members of the Special Assignment Unit associated with the section assisted in the preparation of committee prints entitled *Nomination and Election of the President and Vice President of the United States*, *Senate Election Law Guidebook: 1984*, and *Ethics Manual for Members and Employees of the U.S. House of Representatives*.

The Courts Section devoted considerable effort to issues which were subsequently treated by enacted parts of the continuing appropriations resolution: bail reform, sentencing modifications, obscenity and child pornography, forfeitures, the insanity defense, amendments to the Controlled Substances Act, witness protection, trademark counterfeiting, computer crime, career criminals, and attorneys' fees. Equal access and questions involving the separation of church and state also generated a considerable number of requests, as did congressional efforts to deal with compensation for the victims of toxic waste and child abuse.

The Bill Digest Section is responsible for analysis of legislation and preparation of the *Digest of Public General Bills and Resolutions*. Every public bill, resolution, and amendment introduced in Congress is digested, tracked, and indexed as it proceeds through the legislative process. The published *Bill Digest* is distributed by GPO to every congressional office as well as to government depository libraries, public libraries, and private subscribers.

The information is also available online through SCORPIO. The online files, covering the 93rd through 98th Congresses, are the most frequently used of all the CRS data bases, being accessed an average of over ten thousand times a month. Member and committee offices often use the file's legislative summaries and indexing terms in the publication of their journals and reports.

The section also tracks terminating programs. This information, compiled on all activities scheduled to terminate at a future date, is maintained in another online computer data base and is sent at the beginning of each congressional session to the appropriate committee with jurisdiction over the program or activity.

Economics Division

The Economics Division responded to more than 16,000 requests, an increase of 10 percent over last year. More than 1,000 analyses were completed, as were 175 major projects, 46 of which involved substantial coordination with other divisions, support agencies, or committees of Congress. The division also provided personal briefings, consultations, and expert testimony at hearings and sponsored 30 seminars and workshops.

The Business/Government Relations Section responded to strong congressional interest in repercussions of the divestiture by the American Telephone and Telegraph Company of local operating companies. Reports treating this subject included a glossary of terms, a broad background paper, and an analysis of the impact of the divestiture on shareholders. Issues relating to broadcasting included national regulatory policy for cable television, National Public Radio, the Corporation for Public Broadcasting, and the Federal Communications Commission's broadcast deregulation activities.

Section members were active in industrial policy issues, providing an extensive analysis of the proposed Federal Industrial Mortgage Association. Reports evaluating the Reagan administration's economic revitalization strategy and capital investment by corporations and an updated bibliography on government policy relating to wages and prices were completed. The section also responded to inquiries on corporate merger developments and contributed to reports on merger credit and leveraged buyouts.

A variety of reports and memoranda concerned with securities industry topics were completed. In addition, the division provided frequent consultations in connection with a wide spectrum of business-related activities.

The Housing and Transportation Section's report on the Housing and Urban-Rural Recovery Act of 1983 resulted in a series of breakfast meetings with the chairman of the Subcommittee on Housing and Community Development of the House Committee on Banking, Finance, and Urban Affairs.

The section also tracked legislation on mortgage subsidy bonds; the omnibus housing authorization and appropriation legislation; regulations related to Securities and Exchange Commission authority affecting privately issued, publicly sold, mortgage-backed securities; trusts for investment in mortgages; and revisions to the Federal National Mortgage Association and Federal Home Loan Mortgage Corporation charter acts. Other work ranged from an explanation of home equity conversion financing for elderly homeowners to a report entitled *Trends in Fund-*

ing and Numbers of Households in HUD-Assisted Housing, Fiscal Years 1974–1984.

The transportation area was dominated by the consequences of partial economic deregulation of freight and passenger transportation. Other issues included proposals to increase the user fees for navigation on the inland waterways and to initiate fees for the commercial use of ports, railroad ownership of trucking companies and barge lines, increases in some railroad rates, and the question of whether to further deregulate the interstate trucking industry.

Requests handled by the Industry Analysis and Finance Section related to industries producing basic commodities, machinery, high-technology products, consumer goods, services, and energy. Analyses dealt with the economic health of industries, competition with imports, the impact of government policies, regulation, antitrust issues, and corporate finance.

Steel and automobile industry issues were major areas of activity. The section also completed several studies on antitrust policy and mergers, the competitive problems of the titanium and copper industries, new product development in high-technology industries, growth of basic manufacturing industries, prospects for expansion in the U.S. manufacturing sector, and the economic effects of growth in the semiconductor industry.

Economic aspects of major energy policy issues related to supply stability, demand, tax policy, and the financing of public utilities. Insurance issues continued to generate many requests from Congress, as did administration policies toward imports of shoes and textile products. Industrial competition with Japan attracted continuing attention, with reports written on sources of capital for corporations in the United States and Japan, competition in the machine tool industry, and comparative economic performance.

Several items of trade legislation stimulated requests to the International Section, including renewal of the generalized system of preferences, a proposed U.S.-Israel free trade area, and a major trade remedy reform bill.

The large, growing trade and current account deficits and the appreciation of the dollar generated much work. A report was prepared on foreign indebtedness to the United States, briefs were maintained on the international banking system and, during part of the year, on the IMF quota increase, and reports were prepared on the debt crises in Brazil, Greece, and Argentina.

Reports on Japan's market access liberalization initiatives and the internationalization of the yen were also completed. Additionally, trade relations with specific groups of countries, especially the European Community, the newly industrializing countries, and East-West trade, stimulated many requests.

Comparative economic statistics for major industrial countries, U.S. exports by state, and exporting and the wood products industry were subjects of reports. Briefs were maintained on trade reciprocity and trade reorganization, and extensive support was provided to congressional committees on both general and specific topics in international trade and finance.

Research in the Labor Section focused on national labor issues and regional economic issues. Increased international competition plus changing technology at home have contributed to significant changes in the domestic labor market, notably by crowding out some long-established domestic industries. Reports highlighted problems of dislocated workers, reflected on the (un)changing position of women, and discussed employment problems of youth and Hispanics.

Issue Briefs examined the labor force from the various perspectives of component members. Several Labor Roundtable Seminars addressed wage issues, focusing on such topics as wage givebacks, youth subminimum wages, and comparable wages between men and women.

Papers prepared by the section and included in the hearings records of various committees dealt with the effectiveness of the Occupational Safety and Health Act in reducing workplace injuries, methods for avoiding or easing the impact of reductions in force, and comparison of management practices of the Synfuel Corporation with those of the National Science Foundation and the Ford Foundation. An analysis of hearings on biological clocks and shift work scheduling was included in a committee print, and an analysis of a government study examining the allocation of funds to areas with high unemployment rates was included in the *Congressional Record*. Section members also gave a briefing for twenty-five House staff on the subject of plant closing legislation.

The Money, Banking, and Quantitative Analysis Section prepared papers on deregulation of the financial services industry and organized and participated in a seminar and videotape presentation on financial deregulation. Additionally, reports were prepared on both monetary and fiscal policy with the use of econometric models.

The section analyzed the measurement and behavior of real interest rates, the distribution of family income, U.S. economic performance during 1983, and the relationship between unemployment and the real gross national product. Other subjects included brokered deposits, the redesign of U.S. currency, debit cards, money market funds, electronic funds transfer, the underground economy, and the international debt crisis.

Reports were prepared by the Taxation and Government Finance Section on the fiscal 1985 budget; the effects of deficits on interest rates; deficits, taxes, and monetary policy in the context of an economy open to international economic flows; and the concept of the structural deficit. The section also prepared a number of papers relating to the Tax Reform Act of 1984 and other tax reform proposals, including the Bradley-Gephardt Fair Tax Act as compared to the Kemp-Kasten "Fair and Simple Tax," a tax on consumption, and a national sales tax as compared to a value-added tax.

In the area of energy and public utilities taxation, testimony was prepared for hearings on the tax treatment of producers of oil and gas, public utilities, and the cost of decommissioning nuclear power plants. Other work dealt with corporation income tax and the U.S. economy, tax amnesty programs, taxation of elderly Americans, U.S. estate and gift tax laws, and the economic benefits of the space program.

Education and Public Welfare Division

The Education and Public Welfare Division responded to nearly 19,500 inquiries; completed 155 major projects, 52 of which involved interdivisional coordination; produced 33 new Issue Briefs; and maintained an average active file of 78 Issue Briefs throughout the year. More than 73,000 copies of the division's Issue Briefs were distributed.

Public and private pension issues dominated the work of the Income Maintenance Section. The section continued to provide substantial assistance in the design of a supplemental retirement system for new federal employees who were covered under the 1983 Social Security amendments. Analysts prepared a major report and presented a series of briefings to congressional staff on this topic.

The section was deeply involved in private pension issues, including the Retirement Equity Act of 1984, which amended the Employee Retirement Income Security Act by changing pension rules for workers, spouses, and their dependents. Assistance was also provided to amend the federal program of child support enforcement.

The section's work covered a variety of other topics, including the Deficit Reduction Act of 1984, women's pension equity, individual retirement accounts, pensions for Members of Congress, railroad retirement and railroad unemployment compensation, taxation of Social Security benefits, planned increases in the Social Security retirement age, and child support enforcement. Substantial time was devoted to reports on the fiscal 1985 budget and trends in the size and characteristics of the population in poverty, as well as to compilations of background material on programs under the jurisdiction of the House Committee on Ways and Means.

Concerns about the quality of American education remained at high levels, with the specific focus shifting to federal and state legislative actions in response to these concerns. Major federal legislation included the Education for Economic Security Act and the Carl Perkins Vocational Education Act. Section analysts were deeply involved in every stage of the development of these acts.

Other topics addressed by the section included bilingual education, adult education, aid to public libraries, and school assistance in federally assisted areas ("impact aid"). Analysts also provided significant support on the reauthorization of the Higher Education Act, the proposed Civil Rights Act of 1984, and assistance for educational technology in the schools.

Section staff produced reports on education-related budget proposals and the impact of budget changes on federal education programs during the Reagan administration. Wholly new types of products developed by the section included computer models for illustrating the effects of proposed amendments to the Pell Grant student assistance program and for analyzing the long-term impact of higher education student loan consolidation proposals. Also presented was a well-attended Public Policy Institute session on recent reports on the quality of American education.

Health Section analysts concentrated on the Medicare program and the reauthorization of a number of major Public Health Service Act programs. Section analysts worked closely with committee staff on a wide range of issues related to physician reimbursement, prospective payment rates for inpatient hospital services, capital financing, the financing of graduate medical education, and hospice care.

The section joined with staff of the House Committee on Ways and Means and the Congressional Budget Office to sponsor a major conference on the future of Medicare, which served as a forum for health experts from across the nation to discuss the principal issues confronting the Medicare program and possible solutions.

Section staff contributed to the development of Public Health Service Act legislation to reauthorize the Primary Care block grant, the Preventive Health and Health Services block grant, and the Alcohol, Drug Abuse, and Mental Health Services block grant. Other legislation which the section worked on included the National Health Service Corps, health professions education, and nurse training. Analysts also assisted committee staff on Indian health care, organ transplants, defensive medicine, long-term health care, and uncompensated hospital care.

Social Services Section analysts provided broad assistance on legislation involving older Americans, developmental disabilities, Head Start, and child abuse programs. This support included defining a wide range of legislative issues and alternatives, preparing detailed comparisons of various proposals, and drafting portions of committee reports, as well as providing regular technical assistance on the legislation. Significant support was provided on major immigration and child nutrition legislation as well as on youth employment and the deinstitutionalization of the mentally retarded.

Section analysts also prepared a presentation of data on handicapped persons; a description of over seventy federal programs benefiting children; issues related to community-based long-term care for the elderly; a history, description, and discussion of issues on the veterans' pension program; and a description of federal employment and training programs.

The Methodology Section continued to apply and expand its computer support system capabilities developed over the past several years. Section staff spent a significant amount of time assisting the Income Maintenance Section with analyses of design issues for a new federal civil service retirement system. This led to the development of an innovative computer model that allows the costs and benefits of alternative designs for retirement systems to be analyzed. The model was designed by Methodology Section analysts working together with an independent actuarial firm.

Extensive material was provided to the House Committee on Ways and Means for hearings on recent poverty trends, resulting in a committee print. The section also prepared a widely quoted committee print on the impact on poverty of the recent recession and the Omnibus Budget Reconciliation Act of 1981 and began an in-depth analysis of the special situation of children in poverty.

Section staff provided a timely and comprehensive analysis of federal spending for human resources programs in the context of the President's budget request. A report analyzing the President's fiscal 1985 budget request was completed within two weeks of the budget's release.

The section also provided technical support to other division staff on a variety of legislative issues ranging from low-income energy assistance to Indian health services. This support included estimation of state and local government grants awarded under various proposed federal fund allocation formulas.

Environment and Natural Resources Policy Division

The year's congressional agenda included extensive consideration of many vital national issues within the areas of the Environment and Natural Resources Policy Division. Analyses, timely general background and topical Issue Briefs, a range of seminars and Public Policy Institutes, several video and audio programs, and extensive briefings for Members and their staffs provided support on the key policy issues relating to the environment and natural resources.

The Food and Agriculture Section devoted its attention to farm credit, agricultural trade and international food aid, and federal price and income support programs. In addition, the section assisted Congress in its preparation for the 1985 farm bill legislation.

The section conducted a continuing series of well-attended luncheon seminars entitled "Toward the '85 Farm Bill" and held a major conference on farm and food policy in Hagerstown, Maryland, for congressional participants. These seminars, along with Public Policy Institute sessions on agricultural trade and domestic agricultural policy, were important means of initiating discussion of likely issues in the 1985 farm bill. Two institute programs were videotaped for later viewing by the Congress.

The section played a major role in Joint Economic Committee hearings on agriculture and the General Agreement on Tariffs and Trade and prepared a report on the topic for circulation to the entire Senate by the committee chairman. Major assistance was provided to the Senate Committee on Agriculture in the preparation of *Farm Policy Perspectives: Setting the Stage for 1985 Agricultural Legislation*. A comprehensive history of the committee was also prepared for publication at the committee's request.

The section provided ongoing assistance to the House Committee on Agriculture in preparation for the 1985 farm bill, including a major project that involved summarizing anticipatory hearings on agriculture issues. Briefings were conducted on trade and barter, general farm policy, and other topics. The section also assisted the newly formed Select Committee on Hunger with regard to foreign food assistance and surplus commodity disposal options. Additionally, reports and Issue Briefs were prepared on such issues as international grain and dairy trade, international barter, food assistance to foreign countries, farm debt problems, farm support programs, and commodity promotion programs.

The Environmental Protection Section handled requests across the spectrum of pollution issues. Hazardous waste management and cleanup issues focused much of the section's efforts on legislative proposals providing continued authorizations for the Superfund and the Resource Conservation and Recovery Act. Other analyses dealt with toxic chemical regulation, insecticide and pesticide regulation, groundwater contamination, and clean air and clean water issues generally.

The section devoted much of its attention to the matter of acid rain. A committee print that incorporated the significant literature on the subject was prepared for the House Committee on Energy and Commerce, which circulated it widely to the public. In addition, hearings held by the Senate Committee on Energy and Natural Resources on acid rain were summarized in a committee print that achieved significant public visibility.

The Fuels and Minerals Section assisted several Senators in connection with substantial but unsuccessful efforts to reach a compromise on new natural gas legislation. Section studies analyzed the effects of various alternative natural gas proposals on several regions of the country, as well as aspects and effects of the costs of acid rain mitigation on regions and specific electric utilities.

Federal coal leasing policy was of major interest to the Congress, which established the Linowes Commission on Fair Market Value to study the matter. A section study on coal leasing was used and cited by the commission in its final report, and a follow-up report was prepared on the commission's recommendations for use as a basis for congressional inquiry at hearings on the commission's report.

A major issue related to emergency petroleum planning and, in particular, possible uses of the strategic petroleum reserve in the event of a cutoff of oil supplies from the Persian Gulf. Several reports and a committee print were prepared to analyze alternative policy options.

The continuing increase in the cost of nuclear electrical generation facilities was the focus of a hearing for which a member of the section provided significant preparatory assistance and testimony. A study on the measurement of the potential market for smaller-sized nuclear plants was useful to the Congress, and the analyst was asked to testify on the results of the study before a committee. Nuclear waste management was also the subject of much analytical work, extensive Member briefings, and video presentations.

The Oceans and Natural Resources Section worked on several important resource management issues. One of the most controversial was that of wilderness area designation, a state-by-state process used to set aside areas to be preserved in their natural state. The section provided economic and policy analyses of several individual state bills and comprehensive analyses of issues common to the consideration of all the wilderness bills.

Other work covered general economic considerations relevant to the wilderness debates, analyses of designation reconsideration procedures, and assessments of the impact of legislation on resource use. The section briefed staff and Members, provided detailed analytical memoranda assessing state and local impacts, prepared a *CRS Review* article, testified before Congress, and prepared Issue Briefs summarizing the current status of the legislation.

Timber contract relief, urged in the face of a widespread slump in timber prices, was the topic of two papers and numerous briefings. A major report examined U.S. Forest Service timber sale management costs and revenues for the period 1973 to 1983 for eleven sample states.

A comprehensive report on outer continental shelf issues was prepared with the assistance of other CRS divisions for the House Subcommittee on Panama Canal/Outer Continental Shelf of the House Committee on Merchant Marine and Fisheries. Analyses in the water resources area covered federal and state cost sharing in water projects, flood control, and the omnibus water projects bill.

Other issues included national park protection legislation, proposals to establish a national outdoor recreation review commission, wildlife protection, sport hunting in Alaska, the fur seal treaty renegotiation, various fisheries issues, rangeland issues, and effects of acid rain on forests.

Foreign Affairs and National Defense Division

Foreign and defense policy issues were shaped by a number of key developments: the deaths of more than two hundred Marines in the terrorist bombing of their barracks in Lebanon; the U.S. invasion of Grenada; growing conflict over the size of the defense budget; questions about waste, fraud, and abuse in defense procurement activities; and congressional reliance on continuing resolutions to fund a foreign aid program.

Among the valuable retrospective analyses that the division provided this year, the first fruits of a full-scale analysis of the congressional role in the Vietnam War appeared in the form of volume 1 of a projected four-volume study entitled *The U.S. Government and the Vietnam War*, published by the Senate Committee on Foreign Relations. Also, the final fruits of another major endeavor, the concluding and summarizing volume of an eight-part study of congressional-executive relations in the area of foreign policy, was published by the House Committee on Foreign Affairs.

Analysts in the Manpower, Budgets, and Policy Management Section produced Issue Briefs on the defense budget and a fiscal 1985 defense budget data summary. Major analytical studies included *Analysis of Congressional Changes to the FY 1984 Defense Budget, The Defense Spending Debate: Comparing Recent Defense Appropriations with 1981 Projections,* and *Estimating Funding for Strategic Forces.* Other research dealt with estimates of Soviet defense spending, measuring congressional action on the defense budget, and working capital funds in the Department of Defense.

Heightened activity in the defense procurement and contracting field resulted in reports dealing with cost overruns in major weapon systems and U.S. weapons procurement.

An Issue Brief tracked authorization, appropriation, and other substantive legislation on military manpower strength levels, military compensation and retirement policies, and military personnel management. Inquiries on benefits for the divorced spouses of military retirees dominated the flow of short-term requests in the military manpower and personnel area.

A substantial volume of requests dealt with problems at, and the leadership of, the United States Information Agency (USIA), including the rejected nomination of Leslie Lenkowsky for the position of deputy director and the policies and practices of Charles Wick as director, as well as retirement and survivor benefits for divorced spouses of Foreign Service personnel.

The Defense Policy and Arms Control Section provided support on strategic arms control and specific weapon systems. The section prepared a very popular series of Issue Briefs containing cost data and policy questions on some twenty major weapon systems, including the Army's Division Air Defense gun (DIVAD) and the B-1B strategic nuclear bomber.

A major study analyzed implications of the so-called build-down formula on U.S. and Soviet strategic nuclear ballistic missiles. Another examined possible U.S. and Soviet deployments of strategic nuclear forces with and without SALT constraints. The latter report, the executive summary of which was published in the *Congressional Record,* instigated a request by a Member of the Senate that this section conduct a seminar in the near future to specifically address the issues it raised.

Other reports covered such diverse topics as deployment of the Navy's Tomahawk cruise missiles, sale of the Stinger air defense weapon to Saudi Arabia, the status of the Navy's Aegis air defense system, and potential gains from superhardening ICBM silos in the face of continued improvements in missile accuracy.

Consultations were provided on possible alternatives for proceeding with production of the MX ICBM, ramifications of the administration's Strategic Defense Initiatives, and assessments of the readiness of U.S. armed forces in general and the Army in particular.

The Asia/Latin America Section's work reflected the intensity of congressional concerns in these regions. Issue Briefs on El Salvador and Nicaragua were repeatedly updated and revised to meet the continuing high demand. They were supplemented by an Issue Brief on the presidential election in El Salvador and a report analyzing the findings of the bipartisan "Kissinger Commission." Other support included a workshop for two congressional committees on the prospects for Mexico and their implications for the United States.

Strong interest in the unstable situation in the Philippines following the assassination of opposition leader Benigno Aquino in 1983 was met with close staff support and two Issue Briefs that have been repeatedly cited on both sides of the Pacific for their insights and balance. A major report on the possible implications of regional instability in the Indian Punjab won the appreciation of our clients and the respect of counterparts in the executive branch. Interest in China and Japan was reflected in Issue Briefs and reports on Japanese defense spending, Chinese nuclear weapons, the situation in Hong Kong, and Chinese food production.

The Europe/Middle East/Africa Section's work dealt in part with the issue of aid to Turkey and the Cyprus question. The ongoing war in the Persian Gulf as well as regional security efforts continued to be of special concern. Other Middle East topics included the proposed transfer of the U.S. embassy to Jerusalem, the problem of terrorism in Lebanon, and the question of Israel's economy and the issue of U.S. aid. Arms sales to Jordan and possible rapid deployment force (RDF) deployment to Saudi Arabia were also areas of interest, as was the Moroccan-Libyan alliance.

Work on Europe covered issues relating to NATO's intermediate-range nuclear force (INF) deployment, U.S.-Soviet dialogue on antisatellite negotiations, and Soviet policy toward Japan. A report on the Reagan administration's new antiterrorism policy and a policy alert analyzing the significance of the Canadian election were also produced.

Several Issue Briefs were prepared as the section's primary response on major areas of U.S. interest in Africa. Congressional attention focused on Namibia and the effects of the Reagan administration's approach to South Africa. A report on the new South African constitution was also published.

The International Organizations, Development, and Security Section produced a major study on the world food situation, which was published as a 779-page print of the House Committee on Foreign Affairs. Two world food workshops were also held.

The section was active on foreign aid issues. One report reviewed the entire range of aid issues before Congress, while another concentrated on aid issues in Central America. An Issue Brief tracked foreign assistance throughout the year, and a seminar on administration policies with respect to foreign aid for population planning was conducted.

In the international organization field, the section responded to requests on the U.S. notification of withdrawal from UNESCO and on President Reagan's request that the Senate ratify the Genocide Convention. An Issue Brief was produced on UNESCO, while existing materials were updated when the genocide convention issue arose. The section also produced a study on a proposal to increase U.S. assistance to African regional organizations.

Staff development was an important aspect of the section's work. One section member spent the year at the National Defense University studying security issues immediately relevant to her work. Two others enhanced their knowledge of aid and development issues through official lecture tours supported by USIA – to five African countries in one instance and to countries in both Africa and South Asia in the other.

Government Division

Researchers in the Government Division responded to almost eleven thousand requests during fiscal 1984. Of these, eighty-eight involved major projects, fifty-three of them interdivisional. Twenty-seven major projects were completed and twenty-three were pending at year's end.

Division members served as the core staff for the Service's basic, advanced, and graduate legislative institutes and contributed significantly to the District/State Institutes. They also participated, at times together with other CRS divisions, in videotape presentations on such topics as parliamentary procedure, the economic status of blacks in the United States, and the process for selecting delegates to the national party nominating conventions.

Division specialists continued to provide substantial assistance to the Office of Personnel Management's Government Affairs Institute seminar series and to other seminars for upper-level executive officials on congressional operations and procedures. In addition, division staff have briefed visiting delegations from Argentina, Brazil, Canada, China, the Federal Republic of Germany, Italy, the Netherlands, Spain, Taiwan, Thailand, and Venezuela on congressional operations and procedures and delegations from Australia and the United Kingdom on executive branch organization and operations.

In the Administrative Section, the specialist in executive organizations coordinated a seminar on proposals to establish an Office of

Federal Management independent of an Office of the Budget. The work and reports of the President's Private Sector Survey on Cost Control have also been the subject of congressional interest.

The specialist in legislative institutions organized a three-day workshop on congressional oversight and investigations and supported the Subcommitee on Accounts of the Committee on House Administration in reviewing committee budgetary requests and activities. Assistance was also provided to the new Temporary Select Committee to Study the Senate Committee System.

The specialist in legislative-executive relations continued working with several committees on the legislative response to the Supreme Court's legislative veto decision. He maintained a report which captured all of the legislative, executive, and judicial developments that have occurred since *INS v. Chadha*, including legislative vetoes that continued to be passed and signed into law and various committee-agency understandings that are the functional equivalent of the legislative veto.

The Congressional Organization and Operations Section prepared reports on congressional foreign and domestic travel, congressional salaries and allowances, outside earned income, the House restaurant, the cost of Congress, committee jurisdiction and assignment procedures, legislative commissions, lobbying, the line item veto, special orders, continuing business from session to session, the discharge petition, congressional pages, cloture, suspension of the rules, and the Senate amending process.

Members of the section testified before the House Committee on Rules regarding expedited procedures and the line item veto and before the Committee on House Administration regarding legislative commissions. One member of the section served on detail with the Senate Committee on Governmental Affairs which was studying lobbying law reform. With the senior specialist in American Government, the section has provided ongoing assistance to the Temporary Select Committee to Study the Senate Committee System in the areas of committee assignments and jurisdiction.

The Civil Rights Section prepared reports on civil rights policies since 1980, the reconstruction of the Civil Rights Commission, Indian affairs legislation, legislative issues of importance to women, U.S. insular territories, and religion and public policy. One section member contributed to a committee print on Hispanics in the United States.

Section members provided consultations on nondiscrimination in employment, affirmative action, D.C. statehood, territorial issues, Japanese-Americans, religious conflict in Lebanon, the history of certain Indian tribes, school prayer, and "equal access" to school facilities. The section also cooperated with the Librarian's office in preparation for a visit by the Dalai Lama.

The Executive Organization and Administration Section responded to requests dealing with federal pay, employment, and personnel management issues; the vice presidency; presidential inaugurations, tenure, and succession; terrorism; federal contracting procedures and policies; information policy and regulatory practices; drug control; and alternatives to the legislative veto.

The section also assisted in the preparation of hearings on broadcast regulatory policy, advised congressional staff on media ethics issues, and produced a major report on the access policies of the major television networks and government regulations of political broadcasting.

The newly created Federal Budget Process Section assisted in legislative and oversight activities dealing with congressional and executive budget procedures, examining such topics as the use of waivers under the Congressional Budget Act of 1974, spending controls tied to debt limit adjustment procedures, the emergence of obligation limitations for particular annual appropriations, and recent trends in the use of supplemental and continuing appropriations.

Section analysts supported special panels in the Senate and House examining reform of the congressional budget process and undertook studies of efforts to curtail year-end spending proposals and to establish regulatory budget and sunset processes, as well as tabulation of historical data comparing executive budget requests with enacted amounts.

An Intergovernmental Relations Section specialist testified on federal interest in metropolitan governance for Senate subcommittee hearings. A history of the judicial system in the District of Columbia was written for inclusion in the record of hearings before the House Committee on the District of Columbia. Assistance was also provided for hearings on the District's appropriations and emergency management in the Washington, D.C., metropolitan area.

Another specialist helped with hearings before the Subcommittee on Conservation, Credit, and Rural Development of the House Committee on Agriculture by preparing reports on rural development strategies and rural development budget trends and by summarizing the major issues raised during the hearings. Assistance in urban community development included contributions to a CRS analysis of the President's National Urban Policy Report, an analysis of amendments to community development block grant and urban development action grant legislation, and a review of issues related to the preservation of the White House as a historic property.

In the areas of crime and law enforcement, the section analyzed numerous legislative proposals for controlling illicit drug traffic and assisted committees considering pending gun control legislation. Reports on murder rates in states, sentencing policy options, criminal fine collections, and the impact of budget cuts on federal fire programs were also issued.

The work of the Political Institutions and Processes Section reflected the increased interest in issues related to the nomination and election of the President and other officials, including the delegate selection process. The section contributed to the 1984 edition of *Nomination and Election of the President and Vice President*, prepared by the American Law Division for the Senate Committee on Rules and Administration.

Section analyses covered such timely issues as the second, or runoff, primary in effect in ten states, and access for handicapped voters. Another area of interest was apportionment and redistricting. The section, with technical assistance from a contractor, simulated apportionments to examine the possible biases of various apportionment methods. The effect of excluding aliens from apportionments was also examined.

The possibility of two-thirds of the states requesting a constitutional convention generated queries on the mechanics of such a convention, if held, as well as the historical background of the Constitution's provisions for such a convention. One major project resulting therefrom was a legislative history of all the applications for a constitutional convention to balance the budget.

The section provided assistance for Senate and House committee hearings on campaign finance reform proposals and responded to numerous requests for analyses of campaign finance activity and related legislation. A major report on political action committees was updated, and a study of proposals for public financing of congressional elections was completed.

The Survey Research, Public Opinion, and Federal Statistical Policy Section worked on the development of an online file of public opinion data with a view toward making that data available to congressional offices through SCORPIO. The section also assisted committees with issues relating to the federal statistical agencies. For example, it managed a contract by Baseline Data Corporation that resulted in a report entitled *The Federal Statistical System: 1980 to 1985*.

The section helped the Subcommittee on Census and Population of the House Committee on Post Office and Civil Service prepare for hearings on the 1990 census, collaborated with the Library Services Division on a new series of CRS reports summarizing public opinion poll findings, and prepared reports of public opinion results on the "gender gap," spending, taxes, and the balanced budget.

The section also worked with the Planning and Development Office and the Legislative Liaison Office in developing a survey of users of the Library of Congress.

Science Policy Research Division

The Science Policy Research Division covered a broad range of science and technology issues, including energy policy, materials policy, civilian and some military space issues, biotechnology, health issues, R&D and industrial innovation, and science manpower. The division provided extensive hearings assistance and other tailored committee support work and in addition produced numerous committee prints, CRS reports, Issue Briefs, seminars and workshops, and hundreds of memoranda and shorter reports. The multidisciplinary nature of many requests resulted in an extensive involvement in interdivisional projects and increasing emphasis on addressing problems at the broadest levels.

Energy and space work dominated the activities of the Energy, Aerospace, and Transportation Technology Section. Major areas addressed included nuclear energy, conservation and renewable energy, civilian and military space activities, and transportation safety. Section members testified at hearings on the Department of Energy's uranium enrichment program and the President's strategic defense initiative and prepared four new Issue Briefs and numerous reports.

Seminars were held on the prospects for nuclear power and the Public Utility Regulatory Policies Act (PURPA). Reports or Issue Briefs were prepared on methanol fuels, the effects of capacity credits on wind energy development, the solar energy and conservation bank, nuclear power plant emergency planning, and nuclear regulatory reform. Additional support was provided in the areas of cogeneration, solar energy tax credits, energy planning in insular areas, nuclear reactor safety, and uranium enrichment.

A seminar was held on U.S. military space activities, and several briefings were given on U.S. and Soviet military space activities. The section prepared a committee print on commercialization of space, an Issue Brief on a space station and space commercialization, and reports on prospects for the sale of weather satellites and satellite remote sensing operations. Military space activities included analysis of the strategic defense initiative, control of space weapons, and relations between NASA and DOD. In addition, comprehensive reviews of the space activities of "launching" and "nonlaunching" countries were prepared.

Studies of the safety of various modes of transportation resulted in an Issue Brief on airline safety and a report on child restraints in motor vehicles. Issues relating to air traffic control, passive restraints, and auto and truck safety were also addressed. The section's capabilities in transportation were expanded late in the year with the addition of a new analyst.

Support activities for Members and committees by the Geosciences, Materials, and Industrial Technology Section were concentrated on energy policy and technology, transportation of hazardous materials and fire safety, materials policy, and the geosciences.

In energy policy, seminars were conducted on methanol fuels and on national synfuels policy and the U.S. Synfuels Corporation. Reports were prepared on the future of the U.S. Synfuels Corporation, electrical energy conservation policy, Mexican petroleum, projected U.S. oil and natural gas production to the year 2000, and the program history and status of the Energy Security Act of 1980.

The section also contributed to a major CRS study on U.S. offshore oil and gas development during the 1980s with chapters on continental shelf oil and gas resources and development technology, the causes and prevention of risks to personnel and the environment in offshore operations, and interactions of oil and gas with the offshore environment.

The section continued to provide analyses and other assistance to Members on materials policy. Reports were prepared on materials availability, the Strategic and Critical Materials Stockpiling Act, new steel-making technologies, and the nonfuel uses of natural gas. Support in the areas of hazardous materials and safety included preparation of a major report on nuclear materials transportation, a new Issue Brief on fire safety and toxicity of burning materials, and an analysis of requirements for inert gas systems in tankers. Assistance was also provided for hearings on hazardous and nuclear materials safety, at which CRS testimony was presented on nuclear materials transportation.

Geosiences support included assistance for hearings on earthquakes, carbon dioxide and climate change, ocean research, and Antarctic policy. Reports included a summary of hearings on Hurricane Alicia and studies on carbon dioxide and climate, the "nuclear winter" threat, the International Geophysical Year, and possible legislative actions for improving weather services.

The Life Sciences Section's analyses covered biotechnology, nutrition research and food safety issues, developments and ethics in medical research, health effects of low-level exposure to toxic chemicals and radiation, and drug research and approval policy. Cancer research policy, food preservation, animal welfare, and organ procurement and donation were of particular interest.

Among other studies were two committee prints on genetic research in animal sciences and plant sciences; contributions to the bill report on the Organ Transplant and Procurement Act; Issue Briefs covering food safety policy, animals in biomedical research, and human gene therapy; and *CRS Review* articles on the acquired immune deficiency syndrome (AIDS), preservation of food by irradiation, and ethylene dibromide (EDB). In addition, the section produced reports on hunger in America, sulfites and food preservation, the Delaney Clause, food preservation by irradiation, blacks and nutrition, holistic medicine, aspartame, raw milk and health-related issues, legalization of heroin, EDB, health effects of video display terminals, radiation effects of high-voltage power transmission lines, and organ procurement and transplantation.

Other support included background analyses and questions for appropriation hearings on the NIH programs and budget and assistance with hearings on EDB, hazardous waste cleanup, human embryo transfer, childhood vaccine injury compensation, Agent Orange, Alzheimer's disease, groundwater contamination, release into the environment of genetically altered material, hunger, certified raw milk, and nutritional status and monitoring.

The Policy, Information, and Behavioral Sciences Section contributed to committee prints on science, technology, and American diplomacy and on improving the research infrastructure at U.S. universities and colleges. Other products included studies on the "Grace Report" on research and development, the science and technology program in UNESCO, and critical issues in agricultural research and teaching programs.

The section also produced an Issue Brief on research and development funding for fiscal 1985 and coordinated preparation of questions for the National Science Foundation's fiscal 1985 authorization hearings. Substantial hearings support in the area of industrial innovation and high-technology development was provided in response to continued congressional interest. Two new Issue Briefs on the antitrust implications of joint research and development funding and government policies for industrial innovation also were prepared.

Congress continues to focus increased attention on the topics of computers, telecommunications, and information policy, and the section prepared a number of products in these areas. Contributions were made to several committee documents, including those on computer security and privacy, international electronic mail, depository library access to federal automated data bases, and office automation in the U.S. Senate.

Other major committee support included a report on future directions in educational technology and a background report for hearings on information technology and the elderly. The section provided substantial hearings assistance on the topics of supercomputers, international telecommunications and information policy, and access to Japanese scientific and technical information. The section also continued to participate in an interdivisional effort to prepare a glossary of telecommunications terms for congressional use.

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Processing Services

Shortly after the beginning of the fiscal year, Henriette D. Avram was appointed Assistant Librarian for Processing Services. The resulting vacancy in the position of director for processing systems, networks, and automation planning was filled temporarily by Mary S. Price until her appointment as permanent director in September, when the directorate was reorganized and named Bibliographic Products and Services. Robert C. Sullivan was appointed director for acquisitions and overseas operations in September; the position had been vacant since the retirement of Frank M. McGowan in December 1982.

Imre T. Jarmy was appointed assistant chief in the Exchange and Gift Division in January. Dorothy Gregor, formerly assistant librarian for technical services at the University of California at Berkeley, reported as the new chief of the Shared Cataloging Division in March. She succeeded Nathalie Delougaz, who had transferred to the Office for Descriptive Cataloging Policy in October 1983. In June, Sally H. McCallum was appointed head of the newly reorganized Network Development and MARC Standards Office. Peter R. Young, formerly customer services officer in the Cataloging Distribution Service, was appointed assistant chief of the MARC Editorial Division in September.

Staff in the Cataloging Directorate and the Serial Record Division concentrated successfully on substantially raising cataloging production during this fiscal year. Reevaluating procedures, decreasing the number of major revisions to rule interpretations, and continuing the efficiencies in routine procedures introduced in the previous fiscal year all led to an increase in the number of titles cataloged and pieces processed.

In the Acquisitions and Overseas Operations Directorate, significant additions to the Library's collections were acquired from a variety of sources. Purchases increased as the U.S. dollar held firm compared to foreign currencies and efforts were successful in acquiring additional receipts from exchange partners. Cataloging in Publication (CIP) data were provided to more titles than ever before. A report completed this year by an outside consultant documents current acquisitions practices and procedures and will serve as a basis for planning the automation of acquisitions activities in the future.

In the Bibliographic Products and Services Directorate, significant new products were issued, primarily as a result of the implementation of new online systems and changes to the internal data base files. New distribution services were initiated for MARC Music tapes and music catalog cards, for name and series authority records in the new format, and for abbreviated MARC records to support retrospective conversion projects in other institutions. The Serial Record Division maintained the technical support functions for the CONSER project and for the United States Newspaper Project (funded by the National Endowment for the Humanities). A report on current serial record activities was completed and formed the basis of a study of the means of converting the Library's manual serial control files to an automated system.

In order to meet the challenges facing the department, the Assistant Librarian for Processing Services appointed a Planning Committee in May. The committee researched various approaches and techniques used in strategic planning and developed recommendations for a planning process to meet the department's needs. Committee members explored the available literature and attended seminars offered by several management associations. The committee's final product was a manual which provides guidelines and forms to survey the department's strengths, weaknesses, and opportunities as well as to formulate mission statements, goals, objectives, and action plans for the department and its constituent divisions. A consultant was hired in September to work with the committee in the preparation of their final recommendations, which were submitted to Mrs. Avram at the end of the fiscal year. Processing Services is confident that the strategic planning process will ensure effective decision making and facilitate implementation of specific goals and objectives.

Foreseeing the need to plan for office automation in Processing Services' department and division offices, the Assistant Librarian for Processing Services retained a contractor to evaluate current activities which could benefit from office automation, to interview staff representing department and division offices, to evaluate recommendations to meet office automation needs, and to suggest implementation procedures. Delivered in January, the consultant's report was evaluated by an Office Automation Committee appointed by Mrs. Avram. The committee in turn developed implementation guidelines for the department. A detailed technical study of potential equipment and appropriate software followed as the task for a second consultant, who was hired at the end of the fiscal year.

ACQUISITIONS AND OVERSEAS OPERATIONS

As mentioned above, one of the significant highlights of the year occurred in September with the appointment of a permanent director for acquisitions and overseas operations. The vacancy since the retirement of the previous director had been filled in rotation by the chiefs of the four acquisitions and overseas operations divisions.

Frank M. McGowan, the former director, was honored by the Library with its Distinguished Service Award in November 1983. The award was given in recognition of Dr. McGowan's noteworthy career at the Library devoted to the advancement of cooperative acquisitions programs, effective communication and coordination with the library community, and enhancement of the acquisition of non-U.S. library materials.

The Acquisitions and Overseas Operations divisions concentrated on several studies and surveys of internal acquisitions procedures. With considerable help from and consultations with the staffs of the four divisions, a contractor prepared a three-volume analysis of current acquisitions operations. In addition to descriptions and pictorial representations of activities in the Acquisitions and Overseas Operations divisions, the report described in detail the acquisitions work performed in the Copyright Office, Congressional Research Service, and Law Library, as well as related activities in Research Services and the Collections Development Office. This comprehensive study not only documents current practices but can also be used as the basis for evaluations of future directions and potential modifications for automating acquisitions activities. The contractor made several Library-wide presentations on the contents and use of the documentation. By the end of the fiscal year the contractor was working on functional requirements for automated acquisitions operations, particularly in Processing Services but also throughout the Library. A draft outline of goals and objectives was completed and a preliminary draft of the functional requirements is being developed further by the Automation Planning and Liaison Office (APLO).

The Acquisitions Throughput Study Committee consulted staff in the four divisions and evaluated alternatives in order to define an effective sampling technique to study throughput in the multiple acquisitions processing streams. At the same time, field offices in the Overseas Operations Division evaluated the throughput of publications in process in those offices.

The Acquisitions and Overseas Operations divisions contributed significantly to the series of area acquisitions review seminars coordinated by the Collections Development Office. Detailed background surveys and evaluations were prepared for each seminar, and the divisions have instituted post-seminar reviews to evaluate the issues raised in the seminars and to generate appropriate responses and activities.

Purchases

Because the dollar remained strong in relation to non-U.S. currencies, the book budget was adequate to support the Library's needs for current materials. Funds were also available for special purchases of noncurrent materials for the Library's collections. Among the special purchases in fiscal 1984 were a set of seventeenth-century globes by Vincenzo Maria Coronelli, a 1757 wall map of America by Gaspard Bailleul, the *Opera* of Virgil printed by Aldus Manutius in 1501, an autograph notebook of Sergei Diaghilev, a portrait of Nijinsky, and a costume design for *Sleeping Princess* by Leon Bakst, manuscripts of Igor Stravinsky and Sergei Prokofiev, a holograph violin concerto by Alban Berg dated 1935, and selected videodisks of American motion pictures.

Titles received in the Clearing Section of the Order Division rose 21 percent (from 104,242 in fiscal 1983 to 125,999 in 1984). The number of invoices processed in the Fiscal Section rose nearly 6 percent (from 22,111 in fiscal 1983 to 23,453 in 1984). Serial costs rose approximately 5 percent worldwide; the estimated cost per copy increased from $79.29 in fiscal 1983 to $83.06 in 1984. In the United States and the United Kingdom, book and serial prices rose 22 percent; the cost of legal materials worldwide rose 28 percent.

Special ordering activities increased, particularly because of purchases of noncurrent materials. The Librarian's Special Reserve Fund was used to purchase an 1812 specimen of printing types from the foundry of Benny and Ronaldson and sixteen signed designs by Robert Fulton for his experiments with submarine boats and naval armaments in 1806. Of the bids placed for 277 items at fifty-eight auctions, 186 were successful. In the previous year 170 out of 233 bids at fifty-one auctions were successful.

In fiscal 1983, the number of recommendations received for blanket order processing rose significantly, which led to speculation about future trends. In fiscal 1984 the number of these recommendations returned to about the 1982 level. The increase in 1983 appears to have been transitory and reflective of a different level of activity among recommending officers. The existence of online order data (currently input by staff in the Shared Cataloging Division but scheduled to be shifted to the Blanket Order Section in fiscal 1985) resulted in a decrease in the number of titles which need to be searched in the blanket order processing stage. All monographic series were placed on subscription and are now in the Extended Order File, monitored by the Continuations Unit. This has led to better control over the monographic series orders and a reduction in the time required to prepare lists of monographic series on order.

In March a Faxon Company LINX terminal was installed in the Continuations Unit. The terminal is being used to monitor subscriptions placed with the Faxon Company (including those requested by the Congressional Research Service) and has also proved useful in a special research project initiated to improve the receipt of current periodicals for the Law Library Reading Room.

Acquisitions travel by staff in the Order Division was possible this year. A trip to Scandinavia allowed the first consultations in person by a Library official with the relatively new blanket order dealers in Denmark and Sweden and a return visit to the blanket order dealer in Norway. A visit was made to the blanket order dealer for Canada (who is located in Niagara Falls), to the Faxon Company in Boston (for consultations regarding use of the LINX terminal), to University Microfilms in Ann Arbor (for consultations on microform orders), to the R. R. Bowker Company in New York (for consultations on subscription orders), and to South Africa (to improve acquisitions from that country and to investigate the possibility of contracting with a new blanket order dealer). New blanket order arrangements were concluded with dealers for Russian émigré publications, for Greek law books, and for publications from the Philippines, Nigeria, South Africa, and Turkey.

Exchanges

The number of pieces received on exchange in fiscal 1984 increased by 7 percent in the African-

Asian Exchange Section, by 6 percent in the American and British Exchange Section, and by 3 percent in the European Exchange Section.

Ninety-seven new informal exchange agreements were concluded by the African-Asian Exchange Section in fiscal 1984. This led to an increase in receipts for the section which was balanced by a decline in receipts from the National Library of China (16,988 pieces in fiscal 1983 as compared to 12,355 in 1984). This decline in Chinese materials was anticipated by both exchange partners and indicates a more normal level of receipts. There is still some duplication of receipts from both exchange and purchase sources for Chinese materials. This problem was addressed by an interdepartmental committee, and steps have been taken to limit selections by the purchase sources. In addition, a six-month trial was initiated during which the National Library of China agreed to supply specially prepared hardbound, embossed copies of the monographic titles they forward on exchange (the majority of which are published in paperback editions). The trial period will be monitored to see if the special preparations significantly delay the delivery of shipments. A newly appointed representative to acquire exchange materials from Turkey was responsible for a nearly 300 percent increase in pieces from that country (461 pieces in fiscal 1983 and 1,810 in 1984).

The American and British Exchange Section recorded an increase of 38 percent in receipts from international organizations this year, with a total of some 47,000 pieces. Special questionnaires and additional offerings of duplicates which are surplus to the Library's needs have stimulated the higher level of receipts from these organizations. Similar actions have been instituted with nonofficial exchange partners in Canada, New Zealand, Australia, and the United Kingdom.

The receipt of exchange materials from Eastern Europe and the USSR compares favorably with that from Western Europe. The European Exchange Section recorded receipts from Eastern Europe and the USSR in fiscal 1984 at 84,280 (compared to 85,986 in 1983) and from Western Europe in fiscal 1984 at 126,517 (compared to 118,299 in 1983). All Soviet receipts were entered as acquisitions records into the Library's online in-process file for the second year.

Acquisitions arrangements coordinated by the Hispanic Acquisitions Section are functioning well. Special negotiations with the National Library of Chile were concluded in September 1984 with an agreement which specifies that the Library of Congress will furnish retrospective machine-readable cataloging records in exchange for current Chilean commercial publications of equivalent monetary value.

Acquisitions trips this year to Switzerland and Portugal made possible personal meetings with exchange partners in both countries. Such trips stimulate expansion of exchange coverage, allow more efficient resolution of problems, and promote the continuing success of the exchange agreements.

Gifts

In fiscal 1984 the Gift Section in the Exchange and Gift Division (E&G) coordinated the acquisition of gifts and deposits such as the RKO General Radio WOR Archive, the H. Dunscombe Colt Kipling Collection, the American Studies Association Papers, linguistic atlas recordings of the American Dialect Society, the Hans J. Morgenthau Papers, and a unique collection of original music manuscripts by George Gershwin.

A statistical analysis of gifts received over the past eight years shows that the overall number of pieces received fluctuates greatly, owing largely to the varying number of manuscripts received. Not counting manuscripts, the total deviates only slightly from an average of 500,000 pieces annually. With manuscripts included, it fluctuates from 3,642,510 down to 768,760. Gifts received in fiscal 1984 totaled 1,125,890, a decline from the previous year's 2,037,525.

The Tax Reform Act of 1984 mandates the Secretary of the Treasury to prescribe a new set of income tax regulations for the evaluation of charitable contributions for tax purposes. The new regulations will incorporate provisions that stipulate that a gift valued in excess of $5,000 will not be accepted by the Internal Revenue Service if the appraisal is prepared by the institution that receives the donation. The regulations will become effective in 1985. There are other implications in the new Tax Reform Act whose precise impact cannot immediately be assessed.

As a result of a report prepared by the Internal Audit Office last year, the Library has decided that it will no longer provide advisory appraisals for materials placed in LC's collections on deposit. Requests for evaluations received before March 22, 1984, will still be honored.

Documents

The trend of declining receipts of state documents was reversed this year. The State Documents Section in E&G recorded a net increase of 3,288 pieces (116,813 pieces were received in fiscal 1983 compared to 120,101 in 1984). It would be premature to conclude that this increase indicates a new upward trend, however, since a review of previous years' statistics shows that receipt of documents from state central sources and individual agencies remains constant.

The *Monthly Checklist of State Publications* averaged 2,365 entries per issue as compared to 2,415 entries in fiscal 1983. December 1984 will mark the *Checklist's* seventy-fifth continuous year of publication.

A number of claims have been received from recipients of full and partial sets of official U.S. federal documents for missing microfiche. Close to 50 percent of these titles are also missing from the official microfiche set received by E&G for the purpose of filling such claims. Alleviation of this problem is under discussion with the Government Printing Office. There has been no change in the number of the Library's official foreign exchange partners receiving full or partial sets of U.S. government documents. GPO reports that mailings of thirty-eight partial and thirty full sets are currently being sent to official exchange partners.

Surplus duplicate publications exchanged for reprographic materials and microforms supplied by book dealers and collectors decreased by 39 percent (from 269,000 pieces in fiscal 1983 to 164,250 in 1984). The dollar value of this material was $64,536.98 in 1984 and $129,088 in 1983. The major reason for this decline is the exclusion by law of current copyright deposits from the surplus duplicates made available for this program.

Approximately 3,800 selectors participated in the surplus book disposal program this year. There were 247,178 pieces donated to educational institutions, public bodies, and nonprofit tax-exempt organizations. On behalf of all federal agencies, 554,400 pieces were sent to the Universal Serials and Book Exchange. A total of 78,687 pieces were transferred to other federal agencies for addition to their collections, and 6,342,000 pieces were transferred to the General Services Administration for disposal.

The first subscription rate increase in ten years for participants in the Documents Expediting Project was approved in fiscal 1984 and will be phased in on a monthly basis in 1985. Seven libraries joined the project in fiscal 1984, and nonpayment forced the cancellation of 23 subscribers, leaving 324 active accounts. The project distributed 2,598 federal document titles in 394,405 pieces to member libraries.

Special Foreign Acquisitions

Worldwide inflation and the strength of the dollar abroad were major factors in the overall increase in pieces acquired through the Library's field offices. By summer 1984, it was determined that Indian rupees would be available only through fiscal 1985 and Pakistani rupees possibly through 1986 or 1987. The Library's field offices in both countries have been actively preparing for the end of the era of special foreign currencies.

A meeting with participants in the South Asian program was arranged to coincide with the consultations of New Delhi field director Gene Smith in October 1983. In March representatives from the Overseas Operations Division met with conferees at the annual meeting of the Association for Asian Studies. At both meetings the critical issue was whether special foreign currencies would continue to be available for support of the South Asian programs and what impact there would be on participating institutions and the field office when the rupees are no longer available. The Library of Congress is committed to a continued presence in South Asia because of the vital and unique nature of the materials acquired in this strategically important and volatile area, where the local institutions for procurement of books and other library materials are inadequate to meet the research needs of LC and the information community. Significant economies can be effected with local staff in New Delhi providing processing and preservation services.

The Karachi field office concentrated on refining the application of selection policies while also improving coverage. As a result, the number of titles selected dropped 12 percent (from 2,733 in fiscal 1983 to 2,401 in 1984), but the pieces acquired rose 15 percent (from 125,646 in fiscal 1983 to 145,073 in 1984). Marginal publications were given greater scrutiny and participants were surveyed on their needs for particular titles. Greater emphasis was placed on scanning the media for book reviews and notices of conferences or events that generate publications. Nineteen exchange partners were added in fiscal 1984, bringing the total to 216. A greater effort is being made to include publications exchanged with international organizations based in Pakistan. Afghani publications were so difficult to acquire in Pakistan this year that special arrangements were made to transfer this responsibility to the New Delhi office, which is able to acquire the publications with less difficulty. LC representatives located in Peshawar, Quetta, and Lahore were particularly successful in locating multiple copies of materials for LC and the participants and in locating missing issues of serial publications. Office staff made effective use of seven acquisitions trips to locate regionally available publications. Two videocassettes (*Women at Work*, produced by Pakistan's Women's Division, and a speech by President Zia ul Haq) were acquired this year.

A major highlight of the year in New Delhi was the installation of three microcomputers and the implementation of the first phase of a project to provide machine-readable bibliographic data from the field office to LC. Staff from the Library's Automated Systems Office traveled to New Delhi to coordinate installation of the equipment. By April the field office staff had keyed and shipped the first disk, which contained 150 bibliographic records. Between April and September the staff created and keyed 3,523 bibliographic records for monographs acquired by the New Delhi office. In conjunction with this effort, the New Delhi Overseas Cataloging Project (NEWDOC) initiated a major component in India when the head of the South Asian Languages Section in the Descriptive Cataloging Division traveled to New Delhi in February 1984 to lead training sessions in the preparation of worksheets for personal and corporate name authority records. The worksheets are transmitted to LC for inclusion in the machine-readable name authority data base. These sessions are the first of a series of training modules intended to provide the New Delhi staff with the necessary expertise to assume expanded cataloging responsibilities. The first name authority records created by the New Delhi staff were received in August for review in the Descriptive Cataloging Division. By the end of the fiscal year, the New Delhi office had prepared nearly seven hundred name authority records.

In spite of adjustments for the new cataloging procedures, the New Delhi office acquired 14 percent more pieces (558,352 in fiscal 1984, as compared to 491,088 in 1983). Wider coverage was sought of publications from state governments, universities, research institutions, religious and cultural groups, and author-publishers. A musicologist aided the field office staff with recommendations for 308 sound recordings acquired for LC and the program participants. Transportation of materials from the New Delhi office was interrupted in March during the strike of Indian port and dock workers. Shipments were delayed in Bombay for over two months.

In anticipation of the change to dollar funding from special foreign currencies, the New Delhi office prepared detailed studies of costs of materials acquired in recent years, by language and subject category. The cost comparisons were made available to program participants to help them consider which categories of publications to acquire if adjustments must be made in the level of coverage.

The Jakarta field office marked its twentieth anniversary in December 1983, having acquired over 3.2 million publications from Indonesia, Singapore, Malaysia, and Brunei during those two decades. The total number of pieces acquired by the Jakarta office decreased from 99,567 in fiscal 1983 to 98,141 in 1984. The office forwarded 1,458 pieces to New Delhi for microfiching. The University of Michigan rejoined the Southeast Asia program, effective in fiscal 1985.

The Cairo office expanded its coverage of materials for the Middle East Cooperative Acquisitions Program (MECAP) through the addition of exchange partners and through new agreements for acquiring noncommercial publications from agents in Jiddah and Riyadh, Saudi Arabia. A representative has been hired to acquire Moroccan academic and government publications. The Cairo office expanded its cataloging operations to cover the publications selected by the Library's blanket order dealer in Iraq. The blanket order dealers in Lebanon and Morocco also ship their publications to Cairo for processing before they are forwarded to LC. The number of titles acquired by the Cairo office rose 30 percent, while the number of pieces declined 19 percent because of greater selectivity in categories of materials chosen for the participants and subscriptions to fewer serial titles.

The Nairobi office operated for most of the fiscal year without a full-time field director. James Armstrong served in the Washington office as assistant chief until July. In his absence, four LC staff members (Julian Witherell, Beverly Gray, Rodney Sarle, and Alice Kniskern) served as acting field director for varying periods. Eunice Gupta, the field director in Karachi, spent considerable time in Nairobi as principal acting field director. The field director and his family returned to Nairobi in time to greet the LC delegation attending the annual meeting of the International Federation of Library Associations and Institutions (IFLA) in August. The acquisition of regional publications was aided by two of the acting field directors who were able to travel to twelve of the seventeen countries in the Nairobi region. Overall acquisitions remained at about the same level as in the previous year, but monographic acquisitions rose 90 percent. A new contract representative was hired to cover Tanzania and, by year's end, Zimbabwe was added to Nairobi's area of coverage.

The Rio de Janeiro office concentrated on simplifying routines, eliminating unnecessary tasks, reorganizing files, and identifying measures to improve the effectiveness of the office's resources. Successful completion of these activities enabled the office to expand its services. At the Library's request, the LC representative made exploratory trips to Paraguay, Uruguay, and Bolivia. The office also assumed blanket order responsibility for acquiring Brazilian musical recordings and became involved in the task of reviewing and recommending Brazilian television programs for possible acquisition by LC.

In response to the needs and concerns of different Library divisions, the office began a review and evaluation of its serial acquisitions, identified new sources of posters of artistic value, investigated the availability of current newspapers in microfilm, studied the possibility of expanding LC's exchanges with the Biblioteca Nacional, and made plans for issuing a publishers' directory in 1985 which will supply information on 1,500 noncommercial sources of publications.

The Brazilian publishing industry is healthy in spite of the depressed and inflationary economy. The Rio office acquired 15 percent more pieces this year—37,773 as compared to 32,775 in fiscal 1983. Two-thirds of these came from exchange and gift sources and one-third from commercial sources. The office effectiveness routines enabled the cataloging staff to stay current with the increased level of acquisitions.

The Tokyo Shared Cataloging Center acquired 2 percent more titles and 3 percent more pieces than in the previous year. This parallels the growth rate of 2.6 percent for the publication of new and reprint titles in Japan. The average price for new Japanese titles dropped 4.2 percent this year.

Cataloging in Publication

The number of new Cataloging in Publication (CIP) entries prepared for participating publishers was 34,579 in fiscal 1984, an 11 percent increase from the 31,033 entries created in 1983. It is estimated that CIP entries are now prepared for 70 percent of the eligible titles published. Through a major effort by the cataloging divisions that work with the CIP Division, only 7.1 percent of the CIP titles took longer than 10 working days to process. The average title completed the processing cycle in 6.5 working days.

Publishers reported prepublication changes at nearly the same rate as last year. The most frequently reported changes are for date of publication, International Standard Bibliographic Number, and title.

The CIP Division's claiming activities showed a high success rate—by the end of fiscal 1984, 97 percent of the CIP titles scheduled for publication in 1983 had been received. For over 50 percent of the CIP titles, claim notices had to be sent to publishers reminding them to supply the printed book. In fiscal 1984, 31,702 published CIP books were received in the CIP Division.

In March the CIP Division and the Descriptive Cataloging Division began a pilot project with the National Library of Medicine (NLM) to test the feasibility of transferring responsibility for preparing descriptive cataloging for biomedical titles in the CIP program to NLM. Based on the success of the project, it was agreed that NLM will process all biomedical titles received by the CIP program (approximately 3,000 titles annually). The transfer eliminates costly duplicative descriptive cataloging in the two libraries.

Publishers' workshops were given in Chicago for midwestern publishers and at the annual conference of the Association of American University Presses. Special visits to two multinational publishers in the Netherlands (Kluwer and Elsevier) also provided the CIP Division with the opportunity to increase publisher awareness of the procedures of the U.S. CIP program and the uses to which the library community puts CIP bibliographic data. The general result of the workshops has been more accurate CIP cataloging through increased cooperation between publishers and the Library of Congress.

CATALOGING

Descriptive Cataloging

The Cataloging Directorate developed six administrative goals in February 1984 which provided a framework for staff activities for the remainder of the year. The goals were to enhance use of the Library's automated system, to review cooperative cataloging endeavors, to increase productivity/production, to increase foreign-language cataloging, to improve staff morale, and to reduce throughput time. The pursuit of these goals led to a 12 percent increase in the number of fully cataloged titles which completed the entire cataloging process (159,498 titles in fiscal 1983 compared to 179,168 in 1984).

The number of fully cataloged titles which completed the descriptive cataloging stage rose 26 percent (from 169,406 titles in fiscal 1983 to 214,225). The number of new name authority records rose 97 percent (from 102,253 in fiscal 1983 to 201,768 in 1984). And the number of titles given minimal level cataloging rose 32 percent (from 22,435 titles to 29,604). The cataloging staff benefited from greater experience and expertise in the use of the online data base and from fewer changes in cataloging rules and procedures.

A major event of the year occurred in March with the implementation of the Music Online

System. Catalogers in the Music and Audiovisual sections of the Special Materials Cataloging Division received intensive training in the new procedures for online creation and input of records for both printed and manuscript music and sound recordings. Actual operation began on March 19 and the first distribution of Music machine-readable cataloging tapes took place on April 25. By the end of the fiscal year over six thousand online records had been created. In anticipation of the distribution of MARC Music tapes, printing of music cards was interrupted in late 1983 and a backlog of unprinted music records developed. The first two thousand records added by the Music Section to the Music Online System were taken from the backlog of unprinted records. A long-term goal is to input the remainder of these retrospective titles.

The success of the Music Online System provided the impetus for planning and development of an online system for audiovisual records. The initial Visual Materials Online System application will also accommodate the input of bibliographic records by staff in the Motion Picture, Broadcasting, and Recorded Sound Division for archival films and the Prints and Photographs Division for graphic materials. Nearly sixty thousand audiovisual records already existing in a machine-readable file will also be converted to the Visual Materials Online System.

Ceremonies were held on May 17 to celebrate the twenty-fifth anniversary of the Special Materials Cataloging Division's Manuscripts Section and its primary creation, the *National Union Catalog of Manuscript Collections (NUCMC)*. The catalog's major users (librarians, historians, archivists, genealogists, and scholars) gathered to honor the publication. Once the festivities were over, the staff returned to their customary *NUCMC* preparations. The 1982 volume of the catalog (twentieth in the series) and its accompanying 1980–82 index were published in March 1984. Editing of both the 1983 volume and the cumulated 1980–83 index began in April. Copy for the catalog volume, containing descriptions of 1,853 collections held by eighty-two repositories, was sent to the Government Printing Office in September, with copy for the index volume to follow in mid-October. Meanwhile the first installment of 435 entries for the 1984 volume were cataloged during the first half of the fiscal year.

Two tasks are under way that will improve access to over twenty years of descriptions of manuscript collections. A British firm is compiling a cumulated personal name index to *NUCMC*. All personal names from the published volumes for 1959 through 1982 have been input, and a merged printout will soon be available. Once this printout has been compared against the section's files for conflict resolution, a tool to unlock one major category of access to the cumulated series of catalogs will be at hand. Beyond this, the task of interfiling the section's five separate card files of subject and corporate name indexes to the *NUCMC* cumulations was completed. All cards for the entire run of the catalog's indexes are now in two alphabetical files, one for personal and family names and the other for topics (subjects) and corporate names.

The Shared Cataloging Division increased its foreign-language cataloging productivity by 25 percent this year. The Descriptive Cataloging Division staff improved production in Hebrew, Arabic, and Turkish and increased cataloging in the romance languages by 33 percent and in Chinese and Korean by 32 percent.

The accumulation over several decades of nearly six thousand titles in over four hundred lesser-known languages and dialects (including North and South American Indian, African, and Creole languages, among others) was addressed this year in a special project. The materials had been housed without bibliographic control because there were no staff available with appropriate language expertise. Means were developed for processing of these materials by a contractor working with the Descriptive and Subject Cataloging divisions. Materials in each language are gathered together in a collection record for bibliographic control and, once cataloged, the materials are transferred to the appropriate custodial divisions for servicing. Collection records for books will be made available in the MARC Distribution Service in either the Books or Minimal-Level distribution service and are included in the *National Union Catalog* (*NUC*).

As an extension of the JACKPHY/MARC program developed last year, the preliminary cataloging records for Arabic and Persian materials produced in the Karachi and Cairo field offices began to be supplied on cataloging worksheets with full romanized and vernacular descriptions. This change has allowed more efficient and cost-effective production of the vernacular portion of these records.

The Office for Descriptive Cataloging Policy took part in discussions on revisions to the *Anglo-American Cataloguing Rules*, 2d edition. Major topics involved addition of new provisions for the description of material for the visually handicapped, improvement of the rules for music (both description and uniform titles), and addition of a stipulation for Indonesian personal names that will avoid initials as entry elements. Simplification of rule interpretations and procedures led to revisions of the interpretation for cross-references (to cease making some corporate name references that now seem relatively useless and to make the instructions for personal name references easier to apply) and a new interpretation for handling signs, symbols, and other normally unprintable characters that may appear in the transcription of data belonging to bibliographic description.

New romanization tables for Kashmiri and for classical Mongolian, developed by the Library's New Delhi office, were approved by the ALA/RTSD Committee on Cataloging: Asian and African Materials and were published in *Cataloging Service Bulletin*, no. 24 (Spring 1984).

Several studies were conducted to evaluate potential cataloging improvements. The Shared Cataloging Division worked with the Network Development and MARC Standards Office to evaluate the utility of cataloging data produced by national bibliographic agencies in other countries. Machine-readable cataloging data from Great Britain, Australia, Canada, France, and Japan are being analyzed for compatibility in formats and cataloging practices. Staff in the Descriptive Cataloging Division studied the special problems of cataloging legal materials and issued a report with recommendations on their future handling. The director for cataloging concluded from this report that legal materials should be concentrated in one of the English language sections in the Descriptive Cataloging Division in the future. A study of minimal-level cataloging (MLC) led to several decisions to improve the quality and utility of these records. Added entries for persons and corporate bodies will be included for those MLC records which are entered under title, and additional fixed-field information will be included in the MLC/MARC records. These enhancements, designated "MLC Plus," have been adopted as LC's standard for less-than-full cataloging.

Subject Cataloging and Classification

The Subject Cataloging Division also concentrated on increasing production in fiscal 1984. Titles given LC classification and subject headings totaled 184,286 (including music), a 15 percent increase over the previous year's 160,594. The number of shelflisted titles rose 4 percent this year, from 164,623 in fiscal 1983 to 170,647 (including music). Volumes shelflisted declined 13 percent, from 229,817 to 199,892. Annotations and subject headings for the Annotated Card Series were assigned to 3,750 titles (a 26 percent increase over 2,985 in the previous year). New classification numbers totaled 4,245, with 486 numbers changed.

Subclass KDZ, KG–KH, Law of the Americas, Latin America, and the West Indies was completed and forwarded for publication in July. A new cumulated edition of *Class L, Education* was forwarded for publication in August. The index for a new cumulated edition of *Subclass BL–BQ* is nearly complete. The quarterly lists *LC Classification: Additions and Changes* published this year included a revision of Serbo-Croatian literature, a new development for renewable energy sources, and a revision of the maps of Canada area in class G. The Office of the Principal Subject Cataloger produced a preliminary edition of the *Subject Cataloging Manual*, published in June. The updatable looseleaf publication, partially funded by the National Commission on Libraries and Information Science, consists of internal memoranda relating to LC subject heading (LCSH) policies and practices (e.g., authority work, construction of headings, cross references, and assignment of LC subject headings to individual works).

A committee to study "see also" references was created as an outcome of deliberations in the previous fiscal year on the future of LCSH. The committee members (representatives from the Subject Cataloging Division and the African and Middle Eastern Division, Prints and Photographs Division, Library Services Division, and Automated Systems Office) met eighteen times during the year and developed a draft memorandum which was circulated to technical services directors of large research libraries, to the Committee on Bibliographic Control of the Association for Research Libraries, and to participants at a meeting on the future of the LCSH held at the Library in January. Based on comments from these and other sources, final policy decisions were issued in August which are being incorporated into new principles to be applied beginning in December 1984.

The Decimal Classification Division completed work on schedule *004–006, Computer Science and Data Processing*. At its fall 1984 meeting, the Decimal Classification Editorial Policy Committee recommended that this schedule be published as soon as possible. The division also revised the area table for Japan and South Africa.

The number of titles assigned Dewey Decimal Classification numbers reached an all-time high of 123,439 titles this year (a 5 percent increase over the previous year's 117,535); the hourly productivity rate also rose by 7 percent. The division classifies all works in Chinese, English, French, and Spanish and as many titles as possible in other European languages. Workshops on the Dewey Decimal Classification were given in June in Houston, Austin, and Arlington, Texas.

Machine-Readable Cataloging

The MARC Editorial Division was responsible for the conversion of 146,784 monograph records and 197,705 authority records. The authorities data base increased to 1,129,165 authority records and 62,900 series authority records, the books data base rose to 1,954,891 records, and the films data base increased to 68,855 records.

The division monitored work by a contractor to replace older forms of name headings in MARC book records with *AACR 2* equivalents. This project, called Bibliographic Flip (BibFlip), resulted in changes to 107,092 book records and the identification of 22,034 map and 7,263 serial records as candidates for later changes. It is estimated that the BibFlip project will conclude in late 1985 or early 1986 with nearly 250,000 book records having been changed. A contract was also awarded for a SeriesFlip project that will update those series in MARC records identified as needing replacement with *AACR 2* forms, leading to changes in an estimated 30,000 book records. An additional contract was awarded to make subject heading changes in 50,000 MARC book records; by the end of the fiscal year 23,709 of these records had been updated. The MARC Editorial Division worked with the Law Library to determine requirements for a contract which covers updating of 6,000 MARC book records to include shelf locations in the Law Library.

MARC Editorial staff weathered several changes to the Library's internal system which required adaptations to new procedures and documentation. Online record migration, implemented in December 1983, allows moving of MARC records from one active file to another and eliminates the need for MARC Editorial staff to rekey data. A major modification to the Name Authorities System, introduced in March, implemented the revised authorities format and distribution of full record updates. A revised edition of the *Name Authority Conversion Manual* was published and made available through the Cataloging Distribution Service.

Cooperative Cataloging

A pilot project was begun in October 1983 to test alternative workflow patterns for materials cataloged in the CJK Project. Nine descriptive catalogers, three preliminary catalogers, three subject catalogers, and one decimal classifier took part, creating records in the Research Libraries Information Network (RLIN) for Chinese, Japanese, and Korean monographic publications. The Shelflisting Section in the Subject Cataloging Division integrated the pilot project materials into the regular workflow, so that all staff could participate in the project. In all, 4,151 records were input on twenty terminals specially designed for the CJK Project by the Research Libraries Group (RLG). The remaining CJK staff will receive training and LC's cataloging of all CJK monographic publications will be input to RLIN. The LC CJK MARC records input in RLIN will be returned to LC on tape. The romanized portions of the records will be loaded for use on LC's internal system and for inclusion in the *National Union Catalog*. A separate MARC Distribution Service will make available the LC CJK records with both vernacular and romanized data. Printed cards will continue to be printed in the mixed vernacular and romanized format.

The thirty-one Name Authority Co-op (NACO) participants produced 34,533 authority records (a 41 percent increase) and 12,176 bibliographic records (a 250 percent increase). In addition, NACO implemented the previously described CIP bibliographic project with the National Library of Medicine and four new name authority projects with the University of Illinois at Urbana-Champaign, the National Library of Agriculture, South Carolina State Library, and a group of libraries participating in the REMUS (Retrospective Music) project coordinated by the University of Wisconsin-Milwaukee. Seven additional libraries, having undergone quality review according to NACO guidelines and sustaining a very low error rate, became independent NACO participants, bringing the total number to twenty-four. Recently, a study of the authority file indicated that LC catalogers have used 28 percent of the records contributed by NACO participants.

In February Harvard University Library upgraded online the first in-process cataloging records to fully cataloged records. Upgrading from brief to full cataloging for low-priority books in LC's arrearage began with readers' requests at Harvard and ended with the creation of new bibliographic records for inclusion in the MARC Distribution Service. This joint activity provides substantial savings in processing costs and time for both institutions.

The Library of Congress is now also making use of original Harvard cataloging records. If a Harvard record is found to match a new acquisition, the book bypasses normal descriptive and subject cataloging routines.

The Entry Vocabulary Project, monitored by the coordinator of cooperative subject cataloging projects, received contributions from Duke University. Evaluation of "see" reference proposals led to approval of 116 "see" references, 11 "see also" references, and 56 subject headings.

Under the OCLC Music Online Users Group's REMUS (Retrospective Music) project, twelve member libraries will submit name headings to the REMUS project director, who then submits the headings through NACO. Training was provided in June to the REMUS project director, and REMUS authority records began to be submitted in the summer.

The Shared Cataloging Division provided minimal-level-cataloging records to the National Library of Medicine on a contract which covered French and Scandinavian languages. Minimal-level-cataloging specifications were defined by NLM for the 1,325 records cataloged.

At the semiannual meeting of the LC-sponsored Cooperative Name Authority Discussion Group held during the ALA Midwinter Meeting, cost was considered a factor in limiting contributions to the national data base. After the discussion, each NACO participating library was invited to designate a representative to serve on an ad hoc basis to investigate potential savings. The Library surveyed the NACO participants, and the replies of the twenty-six respondents were compiled into a single document for discussion. Fourteen libraries sent representatives to LC for the NACO cost meeting in April. This group considered suggestions that addressed technical matters and procedural modifications. Some simplified procedures were adopted immediately and others will be implemented in the near future.

Microform Cataloging

In March the division chief of the Shared Cataloging Division was appointed coordinator for LC's microform cataloging. Processing Services has decentralized the creation and input of minimal-level-cataloging records for microforms, which are prepared in the Microform Reading Room and the Preservation Microfilming Office. However, the department retains responsibility for providing cataloging expertise, coordinating appropriate training, setting standards of quality control, and disseminating changes in cataloging policies and procedures. Under development is a procedure for the full cataloging of microforms, an exception to the normal MLC treatment given these materials.

BIBLIOGRAPHIC PRODUCTS AND SERVICES

Serials

Automation of serials processing continued to occupy the Serial Record Division in fiscal 1984. An interdepartmental committee reviewed the division's evaluation of experiments in the previous fiscal year with the Faxon Company's LINX and the UCLA Technical Processing systems.

Based on knowledge gained from a number of authorities, it was determined that development of an automated serials management system should proceed following internally produced requirements and specifications. Processing Services and the Automated Systems Office created a Serials Automation at the Library of Congress Committee (SALC), which invited a number of divisions to outline their particular concerns regarding serials management. Using these discussions as background, SALC drafted a task definition for an automated serials management system whose components include acquisitions, check-in, claiming, routing, reference, binding, preservation, and collection control. The division prepared a comprehensive budget proposal for fiscal 1986 that focused on securing the resources needed to implement the task definition.

To give LC a head start on converting data to machine-readable form for the future serials management system, Serial Record and APLO defined a subsystem (SERLOC) that will allow conversion of basic Serial Record data. Thirteen data elements were identified for inclusion in the SERLOC file, which is being developed in ASO and is expected to be available for input early in 1985.

The cataloging staff in the Serial Record Division increased the number of serial titles cataloged by 17 percent (from 8,753 titles to 10,200). This increase was particularly noteworthy in a year that also saw changes in procedure attendant to the implementation of online serials cataloging, in which catalogers provide content designation and key their own data into OCLC, rather than having these tasks performed by paraprofessionals. Implementation of the new cataloging procedures was begun under a phased approach with senior catalogers in the English Language Serials Cataloging Section followed by those in the Foreign Language Serials Cataloging Section. Extensive documentation preceded intensive training in the provision of content designation for the serial cataloging records.

The Serial Record Division also provided technical support to the United States Newspaper Project (USNP). The first printing of the *Newspaper Cataloging Manual: A CONSER/USNP Edition*, published in the spring and distributed by CDS, was immediately sold out.

The USNP Technical Procedures Committee, chaired by LC staff, was formed in November and held two meetings this fiscal year. Composed of representatives from active USNP participating institutions, the committee serves as a problem-solving, information-gathering, and advisory group for bibliographic and other technical matters. The Library formalized its cooperative relationship in USNP with the National Endowment for the Humanities by means of an interagency agreement. Funding for bibliographic grants in six states and one repository was granted by NEH. Training for staff from five of the new projects was given at LC in September.

Authentication by CONSER participants was initiated this year to supplement the authentication of CONSER records that are within the purview of the Library of Congress. (CONSER participants will not authenticate Canadian records, which are the responsibility of the National Library of Canada). Participant authentication will allow LC to reduce existing backlogs of unauthenticated records, to authenticate on a more timely basis those serials held by the Library, and to resolve reported problems in CONSER records more quickly. One of the advantages of participant authentication is that it accelerates the distribution of CONSER records to MARC serials tape subscribers, since participants can add to CONSER records those elements necessary for the record's selection and distribution. The National Library of Medicine and the University of California at Los Angeles inaugurated the new procedures on an experimental basis. By the end of the fiscal year, the self-authenticating institutions included Harvard University, UCLA, Indiana University, University of Florida, and University of Pittsburgh.

The Processing and Reference Section concentrated on improvements and refinements in procedures to streamline operations. As a result of efforts to avoid excessive handling of materials, the section accessioned 1,452,951 pieces during fiscal 1984 with less reliance on overtime than in the past. Procedures were developed to reduce arrearages of volumes and pieces for which cataloging has not yet been completed. Instead of holding the later receipts in a growing arrearage, the pieces are given a higher priority and cause the previously received piece to be cataloged immediately. A special effort was made to improve the quality of telephone reference service.

The New Serial Titles (NST) Section received 166,937 reports in fiscal 1984 (a 1 percent decrease from the previous year). The number of reports on hand grew 19 percent, from 317,669 to 377,102. Staff contributed 6,815 new records and 92,541 added locations to the CONSER data base for publication in *New Serial Titles*. Production delays for 1984 issues of *New Serial Titles* occurred in conjunction with software modifications for the publication's printing programs.

The Cataloging Distribution Service sent a *New Serial Titles Needs Assessment Survey* to all 1982 and 1983 *NST* subscribers. The responses were compiled and evaluated by a product planning committee composed of representatives from APLO, CDS, and the Serial Record Division. The committee recommended changes in future cumulation patterns and formats for implementation in fiscal 1986.

The ninth meeting of directors of International Serials Data System (ISDS) centers was held at the Library of Congress in October 1984. Discussions centered on means to promote the services of ISDS and a final review of the *ISDS Manual*.

The National Serials Data Program instituted a Foreign Pending File Project to implement an ISDS policy for foreign serial titles. When requests for International Standard Serial Numbers do not result in responses within two months, the requests are searched in the *ISDS Register/Bulletin* or resubmitted to the International Center if not found. Of the researched titles, 2,315 (about half of the outstanding requests) were found in the *Register/Bulletin*.

Automation Planning and Liaison

Staff in the Automation Planning and Liaison Office (APLO) were integrally involved in the completion of several automation projects described elsewhere in this chapter. The Record Migration modifications to the Automated Process Information File were implemented in December 1983, the Collection Records capability was completed in mid-1984, the Music Online System was implemented in January, the modification to the Name Authorities System was introduced in March, and the Overseas Data Entry System was fully operational by Fall.

In addition, work by APLO staff continued on projects which are still under way in cooperation with ASO and various user divisions. An online application for input and update to the Library's PREMARC file (retrospective LC bibliographic records derived from an earlier microfilming of LC's shelflist) is being developed. An online visual materials application which will replace the current batch processing system is also under development. An application for Subject Authorities Online (including product development and distribution requirements) is in the planning stages. The second phase of the *National Union Catalog* system is being defined and designed so that reporting libraries can send records in machine-readable form for loading into the *NUC* files. Improvements and refinements to retrieval commands and displays for several online applications occupied APLO staff this year.

Catalog Publications

Staff in the Catalog Management and Publication Division (CMP) input 20,919 bibliographic records to the online *National Union Catalog (NUC)* file; at the end of the fiscal year the *NUC* file contained 25,644 records.

Total *NUC* receipts of pre-1956 imprints from all sources numbered 476,631 reports. Approximately 40 percent of the outside reports were duplicates of LC entries and were forwarded for inclusion in the *Register of Additional Locations (RAL)*. Reports of post-1955 imprints numbered 3,489,869; nearly 80 percent of these duplicated LC records and were eligible for inclusion in the *RAL*.

Twelve cumulative monthly issues of *NUC: Books*, containing 293,782 bibliographic records in 143 register microfiche and 1,220 index fiche, appeared in a computer-output-microform (COM) format during fiscal 1984. The bibliographic records are listed in random order in the register portion, with access provided in title, name, subject, and series indexes. Eleven cumulative monthly issues of *NUC: U.S. Books*, containing 79,837 records in 46 register fiche and 370 index fiche, were printed. Four quarterly issues of *NUC: Audiovisual Materials* were published, consisting of 41 register fiche and 116 index fiche and containing 64,726 records of motion pictures, videorecordings, filmstrips, transparency sets, and slide sets cataloged by LC. Five quarterly issues of the *NUC: Cartographic Materials*, containing 12,242 records on 6 register fiche and 375 index fiche, were sent to subscribers. The four issues of the *RAL* contained 2,535,333 new locations on 496 fiche. The *RAL* data base now contains 33,681,758 locations for 4,239,084 entries. Five issues of the *Name Authorities Cumulative Microform Edition* were sent to subscribers in a total of 2,204 fiche.

The final bookform editions were produced and issued for the *National Register of Microform Masters* and *Newspapers in Microform*. A cumulated edition of entries for foreign and U.S. *Newspapers in Microform* (1948–83) was prepared for printing in three volumes containing 65,343 entries.

A new publication, *NUC: Newspapers*, was planned by a committee of representatives from APLO, CDS, CMP, and the Serial Record Division. The publication is expected to be issued in 1985 and will contain bibliographic records for newspapers derived from the CONSER data base, including those contributed as part of the U.S. Newspaper Project. As currently planned, the publication will be arranged in three sections (U.S., Canada, and International), by country of publication.

Catalog Management

A major microfilming project was initiated this year when the Library of Congress signed a contract with K.G. Saur, Inc., to have the Library's Main Card Catalog reproduced in microform. The oldest of LC's card catalogs is located in the Main Reading Room in the Thomas Jefferson Building and contains 25 million cards which represent cataloging performed by the Library for 7.5 million titles added to the general collections from 1898 to 1980.

Through the use of high-speed computer-driven photography, it will be possible to complete the project in four years. Filming began in March with the end of the alphabet, since the expansion room available in that portion of the card catalog will facilitate physical preparation of the cards for filming. The Catalog Management and Publication Division staff prepares the cards for filming by correcting major filing errors and anomalies.

Cataloging Distribution

The Cataloging Distribution Service (CDS) cooperated with other divisions in Processing Services to create new products and services and to improve or modify others. Programs were developed to establish a distribution data base for name and series authority records in the new Name Authorities format. A reformatted master file of one million retrospective records was converted and sent to subscribers in April.

Products for sound recording and music records changed with the implementation of the Music Online System. The first distribution of music records on machine-readable tape was sent to subscribers in April. By August modifications had been completed to allow photocomposition of catalog cards from the MARC Music records, which were included in the CDS Alert Service (a weekly notification service that provides current LC cataloging in subscriber-selected subject fields) and in the standing card order service. Using the new process, nearly two thousand music cards were printed from a cataloged-but-not-yet-printed backlog.

To support retrospective conversion projects, the MARC Distribution Service added a new MARC Abbreviated Searching Records Service this year. The service provides records from the MARC Books files in an abbreviated form to be used as an intermediary search tool for libraries' conversion efforts. Once the needed records are identified, the subscriber orders full MARC records for the appropriate titles. To date, CDS has completed conversion projects for three libraries, and four more are in progress.

A distribution service for records created by the Boston Public Library was made available this year. The Boston Public Library and Worldwide Books collaborated on a project to provide greater bibliographic control of art exhibition catalogs. The bibliographic records are created as minimal-level cataloging, except for titles selected by Boston Public Library as meriting fuller cataloging because of their higher research value. CDS makes these records available to subscribers as a separate MARC distribution tape service.

The Customer Services Section in CDS provided representatives to exhibit the products and services of CDS and the Library at the New England Library Association fall conferences in 1983 and 1984, at the American Library Association conferences in Washington, D.C., in January and Dallas in June, and at the Pacific Northwest Library Association in Billings, Montana, in August. The MARC Distribution Service will change from the traditional April-to-March subscription year to a calendar-year basis by 1986, with April-to-December 1985 as a transitional subscription period.

Early in the year the Cataloging Distribution Service also began an examination of the potential of the videodisk for storing MARC bibliographic records. This internal examination is analyzing the potential of the videodisk medium for application to LC's internal requirements as well as for the distribution of machine-readable bibliographic records.

NETWORKING

In June the Network Development Office was reorganized and combined with the MARC Standards Unit of the Automation Planning and Liaison Office. The reorganization brings together the coordination of LC projects in standards development, MARC formats, and cooperation with libraries in automation and networking activities.

Staff in the Network Development and MARC Standards Office (ND/MSO) serve as the secretariat for the Network Advisory Committee

(NAC). A program meeting of NAC held in Washington, D.C., in October 1983 dealt with telecommunications and explored major changes under way in the telecommunications industry, the relationship between governments and the industry, specific problems effecting library networking, and the possibility of a consensus of appropriate action by NAC member organizations and the advisory committee itself. At followup meetings held in Washington in January and February, NAC members met with representatives of American Telephone and Telegraph to discuss the impact of the then pending divestiture of AT&T and the resulting rate increases for libraries and bibliographic utilities.

In April NAC met in Washington, D.C., to discuss electronic information delivery systems and their effect on the publishing, abstracting, and indexing environments. Nontraditional information sources, new equipment and applications, and the library/patron interface were discussed in terms of electronic document delivery systems. A collection of papers presented by invited speakers at the April NAC meeting was made available from the Cataloging Distribution Service (*Electronic Information Delivery System*, Network Planning Paper no. 9).

Processing Services' staff (particularly in ND/MSO, APLO, CDS, and the MARC Editorial Division) worked closely with the Automated Systems Office on the Linked Systems Project, a cooperative effort of the Washington Library Network (WLN), the Research Libraries Group (RLG), and the Library of Congress, to implement computer-to-computer links. Major progress was made this year as LC completed its Standard Network Intercommunication software (SNI) and its Record Transfer software. The SNI will enable the different computer systems of the participating institutions to communicate; the Record Transfer software supports LSP's first application using SNI—the online distribution of name authority records from LC and the online contribution of authority records to LC's authority file. By the end of 1984, online authority record distribution to RLG is expected to begin.

Staff in ND/MSO collaborated with staff in the Motion Picture, Broadcasting, and Recorded Sound Division to sponsor a meeting in February of film and video catalogers and computer advisers representing thirty film archives, film studios, and television networks. The attendees met to further plans for a national data base of archival moving-image material. Henriette Avram jointly chaired the meeting with the director of the National Center for Film and Video Preservation at the American Film Institute (AFI). General requirements for the national data base system were agreed to at the meeting and were used by the AFI National Center as a basis for further planning.

A series of discussions were held this year with the British Library concerning a revised agreement for exchange of MARC tapes. After considering such difficult issues as international copyright of MARC records and trade principles in the European Economic Community, by the end of the fiscal year LC was close to an agreement with the British Library which would allow distribution of UK MARC records in the United States by early 1985 and continuing redistribution of LC MARC records by the British Library under revised terms.

Content designation for machine-readable data files (MRDF) was added to the *MARC Formats for Bibliographic Data* as part of its *Update* number 9, which was made available through the Cataloging Distribution Service in September. This *Update* also provided new content designation for certain call number and subject added entry fields formerly used only by LC, NLM, and other "authoritative" agencies so that these fields can now be used generally by other institutions.

The new USMARC Format for Holdings and Locations was given final review by the interdivisional Committee on Machine Representation of Bibliographic Information (MARBI) of ALA and the Library of Congress. The format supports the requirements of the National Information Standards Organization (NISO) standards for serial and nonserial holdings statements, as they have been established so far. The format will be available from the Cataloging Distribution Service. Annual updates to the National Level Bibliographic Record (NLBR) standards for films and for music were completed in ND/MSO and issued by CDS; the NLBR documents set out standards prescribing data elements to be included in records created for a nationwide data base.

STAFF ACTIVITIES

Communication with the library and information community is an integral function of Processing Services' staff. Attendance at seminars and workshops provides an opportunity for continuous dissemination of information about the accomplishments, goals, and objectives of the department.

Henriette D. Avram actively pursued these goals in fiscal 1984. She attended and delivered a speech at the Association of Research Libraries annual meeting in Chapel Hill, North Carolina, in October. She also attended meetings of the Programme Management Committee and the Executive Board of the International Federation of Library Associations and Institutions (IFLA) in The Hague. She attended meetings of the American Standards Committee/Information Systems and Standards Board in New York City and of the Network Advisory Committee in Washington, D.C. She met with the International MARC Network Committee in London in April and also attended meetings of IFLA's Professional and Executive Boards in The Hague. She attended the April meeting of the Network Advisory Committee. In May and June Mrs. Avram traveled to China with a five-member LC delegation headed by the Deputy Librarian, lecturing at workshops and seminars for Chinese librarians. In February and June she attended sessions with the Bibliographic Service Development Program of the Council on Library Resources in San Francisco and Washington, D.C. In July Mrs. Avram and several other Processing Services staff traveled to Minnesota for discussions on the report (sponsored by the Council on Library Resources) on a national plan for retrospective conversion of bibliographic records. A separate meeting afterwards concerned retrospective conversion projects for music. In September she delivered a paper at the International Conference on Research Library Cooperation in Stanford, California, and attended a meeting on the Linked Systems Project with the Council on Library Resources and a meeting of the Committee on Bibliographic Control.

Lucia J. Rather, the director for cataloging, also delivered a speech at the October Association of Research Libraries annual meeting in Chapel Hill. She attended meetings of the Research Libraries Group's Standing Committee on Library Technical Systems and Bibliographic Control (BIBTECH) as LC's liaison in January and June and chaired the first meeting of the Library of Congress Advisory Committee on the Law Classification. In September she attended a meeting with the Council on Library Resources on the establishment of a retrospective conversion project for music.

Mary S. Price, director for bibliographic products and services, attended a meeting on the International Union List of Vietnamese Publications held at Harvard University in November. She attended meetings of the International Serials Data System's General Assembly and Governing Board (to which she was appointed vice president) in Paris and the IFLA Working Group on Newspapers in London in March.

The LC delegation to the IFLA annual conference held in Nairobi, Kenya, in August included Mrs. Avram, Mrs. Rather, and Mrs. Price.

Staff in the Network Development and MARC Standards Office participated in the work of the National Information Standards Organization (NISO) Z39 Subcommittee D (Computer-to-Computer Protocols), NISO Z39 Subcommittee W (Nonserial Holdings Statements), the Canadian Task Group on Computer Protocols, NISO Z39 Subcommittee N (Character Sets for Bibliographic Use), and the International Organization for Standardization, Technical Committee 46, Subcommittee 4, Working Group 1 (Character Sets for Bibliographic Use).

Two final subject headings institutes were held this fiscal year, one in Seattle in April and one in Chicago in September. No more are scheduled. Eighteen staff members (seventeen from the Subject Cataloging Division and one from the Special Materials Cataloging Division) were involved in those institutes, which were sponsored by ALA's Resources and Technical Services Division.

Many of the department's staff attended and participated in the American Library Association meetings in Washington, D.C., and Dallas, Texas. Other ALA activities by Processing Services staff ranged this year from membership in ALA's Council to participation in a wide variety of committees and discussion groups within the Resources and Technical Services Division.

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Research Services

The year was one of celebrations and anniversaries: President Harry Truman's centennial, as well as that of Nikos Kazantzakis; the fiftieth anniversary of the Academy of American Poets and the Historic American Buildings Survey; the year when everyone wondered what George Orwell would have thought of the real 1984. In all these celebrations and more, Research Services had a central role to play because its collections are worldwide and all-embracing. There is virtually no observance for which the collections are wholly irrelevant. That is one glory of the Library of Congress.

But glories have their own imperatives, chiefly in the field of preservation. And 1984 was a landmark year for advances in preservation or, more accurately, in setting the stage for advances to come. Authorization was granted for a separate facility to deacidify paper products, chiefly books. By 1987 the Library hopes to be able to show the world how best to care for deteriorating books.

The other essential element in the equation is people, and in 1984 Research Services replenished its pool of talented employees with some remarkable appointments, both at the level of division chief, described below, and at lower levels of responsibility as well. The interaction of people (readers, staff, scholars) and collections is the dynamic of Research Services. In these respects, 1984 was a very good year.

ADMINISTRATION

From January through June 1984, the head of the African Section and the chief of the African and Middle Eastern Division were in charge, successively, of the Library's Nairobi field office during the home leave of the director, James Armstrong.

Three reorganization proposals were approved, in the Music Division, the Prints and Photographs Division (P&P), and the Collections Management Division (CMD), the last of these being ready for implementation at year's end. The chief purpose of the CMD reorganization is to provide for careful monitoring of the automated systems by means of which requests are relayed and books are transported for reader and staff use. In the future such monitoring will be the responsibility of a Collections Control Center, staffed throughout the Library's hours of opening. Some delays were experienced in negotiating the impact of the P&P reorganization, so that the entire package could be reviewed by the new chief of that division.

Three high-level appointments were made in Research Services in fiscal 1984, bringing to the Library new chiefs for the Hispanic Division, the Motion Picture, Broadcasting, and Recorded Sound Division, and the Prints and Photographs Division.

The first to arrive, on December 12, 1983, was Robert Saudek. A television pioneer himself, Mr. Saudek was responsible for some of the most distinguished programs during the so-called Golden Age of Television as creator and producer of "Omnibus" and other award-winning series. Mr. Saudek, who has ten Emmy awards and four Peabody awards to his credit, introduced to American television such household names as Leonard Bernstein, Peter Ustinov, Sir Kenneth Clark, and Mike Nichols and Elaine May. In recent years he had served as the founding president of the Museum of Broadcasting in New York. Mr. Saudek is the second chief of his division, which was created by the reorganization of 1978. He succeeds Erik Barnouw, who resigned in 1982.

Sara Castro-Klarén was appointed chief of the Hispanic Division, effective July 2. Dr. Castro-Klarén comes to the Library from Dartmouth College, where she taught Latin American and comparative literature and also served as chairman of the Department of Spanish and Portuguese. She has served as a consultant to the Social Science Research Council, the National Endowment for the Humanities (NEH), and the U.S. Department of Education and has held grants and fellowships from the Mellon Foundation, NEH, and the Woodrow Wilson Center. The fifth person to hold the position, Dr. Castro-Klarén succeeds the late William E. Carter, whose contributions to the Library were summarized in last year's report.

Also arriving at the Library July 2, as chief of the Prints and Photographs Division, was Stephen E. Ostrow, formerly dean of the School of Fine Arts at the University of Southern California and most recently executive director of the Portland (Oregon) Art Association. A specialist in the Italian printmaker Agostino Carracci, Dr. Ostrow was formerly associated with the Rhode Island School of Design, where he was successively chief curator and director of the art museum, serving concurrently as lecturer at Brown University. He succeeds Oliver O. Jensen, who resigned in December 1982.

Paul N. Boswell, senior reference specialist in the Serial and Government Publications Division, retired after forty-seven years of federal service, the largest part of it in the Serial Division. Mr. Boswell, a familiar face behind the division reference desk for thirty-five of those years, was almost as well known to Library employees for his characteristic art work and drawings, which graced many Library publications. George Hall, executive assistant in the Preservation Office, retired after 43 years of federal service, all but the first six months of which were spent in the Library of Congress. Shortly before his retirement, he was the recipient of a Superior Service Award and a cash award for his long and dedicated service to the Library. Leander Williams retired as supervisory library technician in the Music Division after thirty-two years of federal service. He received a Meritorious Service Award for his work in the Music Division.

ACQUISITIONS

Two new pamphlets were published in the *Library of Congress Acquisitions* series, covering Manuscript Division acquisitions for 1982 and Rare Book and Special Collections Division for 1981–82. The reader is referred to these publications for extensive treatment of acquisitions in those divisions.

Receipts of material for the unbound and microfiche collections in the Serial and Government Publications Division increased by 24 percent, with the greatest increase occurring in receipts of the U.S. Depository Microfiche Collection, up 58,827 pieces. This substantial increase results chiefly from the recent inclusion of Department of Energy publications, 1977 to date, in the depository set. Receipts of current newspapers increased by 44,712 issues. Other increases—in periodicals and government publications—were modest.

Some Notable Acquisitions

The Library acquired some outstanding rarities in 1984 and added to existing strengths throughout the collections.

Leading the list of rare acquisitions are two globes constructed by the seventeenth-century master Father Vincenzo Coronelli. They are the largest printed globes made by Coronelli, measuring 110 cm in diameter and standing 1½ meters high on their original mahogany stands. The globes, one celestial and one terrestrial, are dated 1688–93. They are the only pair in North America, and their acquisition makes the Geography and Map Division's collection of Coronelli's output virtually complete.

Another notable acquisition was the varied collection pertaining to Sergei Pavlovich Diaghilev, the Russian impressario and choreographer who founded the Ballets Russes. The collection, which had been in the possession of Diaghilev's protégé Serge Lifar, contains his working library of music scores, a notebook covering the last three years of his life (1926–29), and a number of letters from Otto Klemperer, Sergei Prokofiev, and others. There are also large drawings, with color, showing set designs for particular productions. The notebook, annotated scores, and other materials in the collection will permit intensive study of Diaghilev's artistic practices and theories. The acquisition of this collection greatly enhances the Library's original sources for the study of dance.

At a special program September 29 honoring George and Ira Gershwin, Mrs. Ira Gershwin announced the gift of the manuscript of George Gershwin's two-piano arrangement of *An American in Paris*, described in last year's report. The arrangement had its North American premiere that evening in the Library's Coolidge Auditorium.

The single most valuable book acquired by the Rare Book and Special Collections Division in 1984 was the 1501 edition of Virgil's works printed by the great scholar-printer Aldus Manutius. Rare and greatly sought after, the Aldine Virgil is the first printing of a classic text in a small format and the first book in which italic type is used throughout. The series, of which this was the first volume published, was a revolutionary step in the history of printing. Everyman's Library, the Modern Library, and the modern paperback book all trace their lineage to Aldus's edition of Virgil in 1501.

One of the glories of the Library's Rosenwald Collection is its collection of twentieth-century livres d'artiste, a strength to which the Library will seek to add. Two important specimens acquired in 1984 are Guillaume Apollinaire's *Le Bestiaire, ou Cortège d'Orphée*, containing Raoul Dufy's first published and most important illustrations, and the last work illustrated by Georges Braque, the *Lettera amorosa* of René Char.

Since the 1930s, as a result of earlier gifts, the Library of Congress has been an essential stop for Rudyard Kipling scholars. That role has been strengthened by the deposit by Mrs. H. Dunscombe Colt of her late husband's Kipling collection. Rich in correspondence and manuscripts, the Colt Collection has given the Library the second strongest holdings of Kipling letters, according to the editor of Kipling's correspondence. Only the University of Sussex surpasses the Library's holdings.

The greatest growth in Prints and Photographs Division collections occurred through transfers from the National Park Service of material from the Historic American Buildings Survey (HABS) and the Historic American Engineering Record (HAER). Altogether, nearly seventy thousand items were added to the two collections. Some early historic engineering drawings by Robert Fulton of his conceptions of the submarine and torpedo mines were also added to the P&P collections.

The Library is exceptionally strong in its holdings of caricature and satiric drawings, partly because of its acquisition of the collection of Caroline and Erwin Swann. This segment of P&P holdings was enhanced by the acquisition of a drawing dating from about 1750, Pier Leone Ghezzi's *Madame Langlois with Her Daughter, the Chevalier de Bebelat, and Monsieur Cherevenski*. It is now the earliest caricature drawing owned by the Library.

For several years the fastest growing segments of the Library's special collections have been those in the custody of the Motion Picture, Broadcasting, and Recorded Sound Division (M/B/RS). That growth continued in 1984, brought about by the familiar forces of copyright deposits, donations of archival collections, and transfer to the Library of films collected by the American Film Institute (AFI). To these were added a sizable transfer from the National Archives and Records Service of NBC News and ABC News television broadcasts for the years 1977–82. The Library continues to receive taped archival copies of news broadcasts recorded by the Vanderbilt Television News Archive. The Library also received from AFI a copy of "Streets of New York," an experimental television broadcast made by NBC in 1939, one of the earliest surviving television broadcasts.

About one thousand commercially produced compact discs were donated to the Library by the Compact Disc Group, an organization of equipment manufacturers and record companies. The Library also received tape copies of broadcasts by New York radio station WOR–AM.

To assess the Library's acquisition programs in M/B/RS, Mary V. Ahearn, formerly of the

Museum of Broadcasting, was engaged to conduct a yearlong study. Her report will provide a basis for reassessing the Library's practices in this important area of the collections.

The Manuscript Division continued its unequaled assemblage of original sources for study of the New Deal era. In last year's report, acquisition of the papers of Thomas C. Corcoran and Robert H. Jackson was announced. This year the prize acquisition in this area is the papers of Benjamin Cohen, often associated with Corcoran in early New Deal initiatives. Important additions were also made in 1984 to the papers of Robert Jackson and to those of James A. Farley. The papers of Russell Davenport also merit mention in this context. Davenport, editor of *Fortune*, was a leading supporter of Wendell Willkie, FDR's Republican opponent for the presidency in 1940. Among organizational records, the most notable were those of the National Council of Jewish Women, the first installment of which was received in 1984.

Foreign Language Acquisitions

Officers of the African and Middle Eastern Division conducted three acquisition surveys, one in Turkey and two in Africa. The African trips were undertaken by the chief and the head of the African Section in connection with their temporary assignments to the Nairobi field office. The trip to Turkey in October 1983 by the head of the Near East Section resulted in appointment of a new blanket order dealer in Ankara and a bibliographical representative in Istanbul. These actions led to a marked increase in receipts of Turkish monographs and serials. It is customary for area specialists to prepare a detailed summary of such survey trips, for limited distribution. The African bibliographer at Columbia University, who received Dr. Witherell's report, described it as "a mine of useful information and addresses, not only for the Library of Congress but for those of us around the country endeavoring to serve an African studies clientele."

Hebrew books and manuscripts from the collection of Lawrence Marwick, former head of the Hebraic Section, were donated by his widow. Among noteworthy additions to Near East holdings were four eighteenth-century titles printed by Ibrahim Muteferrika, the first Muslim to use a movable-type press in Turkey, and *al-Durr al-Muntakhab Min Maqalāt Yuhanna Fam al-Dhahab* (1707), one of the earliest printed books in the Arab world.

Because receipts from the People's Republic of China come from a variety of exchange partners and blanket order dealers in both Beijing and Hong Kong, there has been significant duplication of individual titles. Some 26,000 Chinese monographs were received in 1984, but only 15,300 selected and added to the permanent collections. Some duplication was tolerable at the outset to ensure broad acquisition coverage, but several steps were taken this year to refine the acquisition process and reduce such duplication.

The Wen-yuan-ko copy of the eighteenth-century Chinese manuscript *Ssu ku ch'uan shu* (Compendium of the Four Categories) is being published in Taiwan in a projected fifteen hundred volumes. In 1984 the Library received the first installments in this undertaking, about four hundred volumes. There was an increase in Korean-language additions to the collections but a disturbing decline in exchange receipts, which come chiefly from the Central National Library.

Additions to the Southern Asia collections in 1984 totaled some five thousand bound volumes, 465 reels of microfilm, and more than twenty thousand sheets of microfiche, a tenfold increase in fiche receipts. These proportions reflect policy decisions and practices affecting the Library's overseas office in New Delhi, which has significantly increased its activities in microformatting, preliminary cataloging, and the publication of accessions lists. The division of collection development and other responsibilities between the Southern Asia Section and the overseas offices is not entirely resolved.

The first acquisitions survey trip to Italy by the European Division was undertaken in 1984 by the then-chief, Clara Lovett. The trip had immediate results in establishing new avenues of exchange and strengthening procurement procedures. In addition, some two hundred titles were received as gifts to the Library. Three area specialists also visited libraries and dealers in France and Italy while on private trips to Europe. Among the results of these trips were acquisition of a microfilm of the Polish newspaper *Czas* (1850–1939) and an exchange offer of 350 volumes from the Bibliotheque nationale in Paris. Another acquisition of interest is the rare Czech periodical *Rozpravy Aventina*, published in Prague 1925–32.

A gift to the Library of 300 works on Romanian history and culture was made by the Romanian ambassador in behalf of the National Library of Romania. Other notable gifts included the foreign-language periodical collection of the Association of American Railroads and a private gift of 500 volumes of Hungarian material.

More than seventeen thousand titles were recommended for addition to the collections by Hispanic Division specialists. An extensive acquisitions survey trip was made to the Eastern Caribbean by the assistant chief. Twenty-five new writers were recorded for the Archive of Hispanic Literature on Tape.

Although not precisely a "foreign-language" acquisition, the nine-volume *Kodansha Encyclopedia of Japan* (Tokyo, 1983) merits mention for its coverage of virtually every aspect of Japanese life and culture. With more than ten thousand entries, the encyclopedia has been described as "the greatest work of reference ever devoted to a single nation."

Microform Acquisitions

The Library concluded a fifty-seven-year segment of its history in 1984 with the purchase of 201 reels of positive microfilm of Holland Land Company records, an important source of information about the early history of New York and adjacent areas. Since the late Julian Boyd first suggested the desirability of securing a copy of the records in 1927, a succession of Manuscript Division chiefs and other Library officers have sought to bring the dream to fulfillment. Recently, chiefly through the assistance of Franciska Safran of the State University College of New York (Fredonia), a negative film was produced and a positive film made available. The original records, in Amsterdam, have been consulted, but it is expected that the availability of the microfilm will enrich research into American history.

Other microform collections added this year include *Phonefiche*, white- and yellow-page telephone books in microfiche for more than forty thousand American communities, beginning in 1976; *Foreign Statistical Serials*, statistical abstracts for more than a hundred nations; and *National Development Plans*. All these microform sets are located in the Microform Reading Room.

A significant acquisition new to the Library and the collections of the Science and Technology Division is a complete set of current and retrospective federal and military specifications and standards in microform, comprising some 184,000 pieces. This collection is updated weekly by a commercial firm.

Positive microfilm of the Dublin, Ireland, *Irish Times* for January 1907–June 1982 were acquired from the publisher. Before this acquisition, the Library had virtually no holdings of the Irish press for the first decades of the twentieth century.

MANAGEMENT OF COLLECTIONS

The Science and Technology Division was able to consolidate its collection of hardcopy technical reports on the fourth floor of the John Adams Building, bringing to Capitol Hill collections formerly stored at Landover Center Annex. These included Office of Scientific Research and Development (OSRD) reports (30,000 items), the Synthetic Rubber Reports (8,000), and the Technical Translations Collection (21,000). Some 46,500 reports deposited by the Atomic Energy Commission from 1946 to 1962 and held in the Photoduplication Service were also transferred.

These steps have made possible interfiling and discarding of duplicate reports. Steps were also taken to accelerate conversion of OSRD hardcopy reports to microfiche.

Special attention was given to the Science Reading Room reference collection. Some twelve hundred new titles were added and more than seventeen hundred titles were discharged. The mathematics section was completely revamped and the psychology, genetics, and natural history sections augmented to reflect current scholarship and trends.

The Serial and Government Publications Division undertook two surveys during the year designed to improve control over its collections and to provide guidance for current practices. The first, "Survey of 200 Periodicals on Microform," issued in April, has affected priorities in accessioning of microforms by the Microform Reading Room staff and preparation of more regular reports on microform receipts. Research Memorandum Number 2, "Survey of Use of Periodicals and Government Publications . . . ," provides useful information on high-use periodicals. (In the three-month test period, *Business Week* was the most frequently requested periodical.) It also provides data on the distribution of requests among alphabetically arranged periodicals, affecting deck attendant assignments.

The division, with additional holdings made available from Yale, Cornell, and the University of Wisconsin, also assembled and microfilmed a virtually complete set of *Cambio 16* for the period November 1971–December 1982. Considered Spain's leading independent news magazine, *Cambio 16* bridges the transitional period between the government of Francisco Franco and the current Spanish government. Sixteen research libraries have now acquired the film of *Cambio 16*.

In 1984 the Library completed a five-year program in cooperation with the National Diet Library (NDL) of Japan to film South Manchuria Railway Company titles in the Library of Congress. A total of 3,270 titles were filmed in approximately half a million exposures. The South Manchuria Railway Company, founded in 1906, was acquired by Japan from Russia at the conclusion of the Russo-Japanese War. Until 1945 it dominated the economic life of Manchuria. Its research department, at one time numbering three hundred employees, prepared reports on all phases of mainland Asia. Some sixty-two hundred of these reports still exist. The NDL/LC project captures on film all materials not already in the Diet Library. The project was furthered by the three-year assignment to the Library of Congress of an NDL researcher, Yuri Chiyo, whose tour of duty ended in April.

Progress of the Inventory

As indicated in last year's report, it proved impossible to complete the ambitious inventory of the Library's general collections within the three years originally estimated. Accordingly, Congress approved the extension of thirty-two indefinite positions authorized for the inventory for two additional years, until September 30, 1986. At the present rate of progress, the inventory will be virtually complete by that date. Any remaining tasks will be finished by the permanent staff in the following year.

The major accomplishment in 1984 was completion of the inventory of class H (Social Science), containing nearly two million volumes. Other classes completed were L (Education), N (Fine Arts), and S (Agriculture). Approximately half of the inventory of the general collections has been completed. Some thirty-six thousand volumes were weeded from the collections and more than forty-three thousand obsolete charges removed from the Central Charge File in the Loan Division. More than seventy-seven thousand shelf markers were prepared during the year.

In a related activity, 84 percent of the general collections had been relocated in accordance with the Library's encyclopedia plan by year's end. Only two classes are still awaiting relocation: P (Literature) and T (Technology). Relocation of the collections in advance of the inventory speeds the work of the inventory staff. Such relocation assignments in the general collections are only part of the duties of the Collections Maintenance Section of the Collections Management Division, whose staff must often remove all kinds of Library units and materials and, before doing so, must frequently erect the shelving or build cages to secure particularly valuable items. Fiscal 1984 marked the end of the authorization of thirty indefinite positions which had been granted for a five-year period of intense relocation activity associated with the move to the Madison Building and realization of the encyclopedia plan. Fortunately, both of these major tasks are near completion.

Special Collections

The Geography and Map Division (G&M) computer-assisted map cataloging program (MARC Maps), initiated in 1968 with a grant from the Council on Library Resources, Inc., achieved its major goal on March 26 when the online input/update capability became available. The bibliographical control of cartographic materials by machine methods is now a reality, one with wide impact. Still to come, and expected in early 1985, is a search capability under SCORPIO.

Partly because of this development, G&M cataloged 8,792 cartographic items (maps and atlases) in 1984, the highest total in division history. The figure is 32 percent higher than the preceding year and 40 percent higher than the average of the preceding five years. Another factor in these gains is the less-than-full map cataloging development program in the division. The quarterly publication *National Union Catalog: Cartographic Materials* now has more than two hundred domestic and international subscribers.

This year marked the successful conclusion of a twenty-year effort to make the records of the Alaskan Russian Orthodox Church in the Manuscript Division available through a variety of finding aids and formats. In 1964 the first of six volumes of indexes to the vital statistics was published. In the mid-1970s a church historian was employed to analyze and shelflist a substantial amount of undescribed material in the collection. In 1978 the state of Alaska made available a sum of money to assist the Library in further organizing and describing the collection, preparatory to producing a microfilm edition. The project has been culminated this year with the completion of a 250-page guide to the eight series in the archive and the issuance of a 401-reel microfilm edition. The collection has engaged the efforts of many persons, inside and outside the Library, for more than two decades, and the results are gratifying to all concerned.

A project to reproduce and dispose of selected material from the division's German Captured Documents Collection advanced during the year. Two shipments of nearly seventy-five thousand items were made to the Bundesarchiv, following completion of microfilm editions of their contents. Other important microfilm editions completed in 1984 were the Felix Frankfurter Papers and the large general correspondence series of the Booker T. Washington Papers. In all, twenty-two collections in the Manuscript Division were filmed, in whole or in part, in 1,133 reels.

A supplemental grant from the Cafritz Foundation has permitted work on the Washingtoniana Project in the Prints and Photographs Division (P&P), described in last year's report, to continue through fiscal 1985. Three additional major collections will be included: the C. M. Bell, Frances Benjamin Johnston, and National Photo Company collections.

The Optical Disk Pilot Program has had considerable impact upon P&P. Two disks have been created, one of which has been put to use in the reading room. It contains thirty-seven thousand various images in the public domain, several formats drawn from the William Henry Jackson and Detroit Publishing Company collections, color slides and transparencies from the Farm Security Administration and Office of War Information files, lantern slides from the World Transportation Commission (1894–98), plans and drawings from the architectural collections, and posters. The promise of disk storage for visual images, along with other developments such as the anticipated Visual Materials Online System, augurs well for new and effective means of controlling the vast P&P collections.

The nitrate preservation program continued to make progress this year. A special project to load minimal records into an automated data base for every title in the nitrate collection was virtually completed by year's end. A total of 18,200 titles were put into the system. The nitrate control system has eliminated some paperwork and made more efficient the selection of titles for conversion. A total of 1,334 titles were selected and 1,018 titles converted (3.6 million feet) in 1984.

The staff of the Magnetic Recording Laboratory, M/B/RS, converted 7,578 acetate discs to magnetic tape. Three hundred videotapes of Library of Congress literary programs were rerecorded onto VHS cassettes. A Rank Cintele Telecine Mark C–III, a sophisticated machine for transferring motion picture film to videotape, has permitted the conversion of some older television programs to tape and archival storage of originals.

The Dayton C. Miller Flute Collection was moved at the end of the fiscal year to specially designed and prepared quarters in the Madison Building. The books and manuscripts in the collection are being prepared for preservation microfilming. A full-time curator was recruited and appointed, to report early in fiscal 1985.

PRESERVATION

In 1984 a number of preservation projects were either brought to satisfactory completion or raised to a level at which new initiatives could be undertaken. Four of these were the mass deacidification program, the related survey of the condition of the general and law collections, the county atlas project, and online cataloging of titles filmed in the Library's preservation microfilming program.

Constant readers of the *Annual Report of the Librarian of Congress* have been able to follow the Library's progress in developing a chemical means and a procedure to deacidify book paper on a large scale. The year 1984 was devoted to extensive experimentation preliminary to entering a production phase and to justifying the need and completing the plans for a separate deacidification facility. These efforts culminated in approval of construction of such a facility, to be built at Fort Detrick in Frederick, Maryland. It is projected that the plant will be operational by late 1987. The plant is designed to treat hundreds of thousands of books annually, including all of the Library's incoming receipts and many volumes already on its shelves, in a systematic program. Approval of the mass deacidification facility by the Congress represents a major step forward in addressing one of the most insidious problems facing all libraries: the silent and heretofore irrevocable deterioration of books on their shelves.

A condition survey of the general and law collections was conducted from January to March 1984. Designed by King Research, Inc., the survey sought to determine the strength of paper and its acid and lignin content. These data, along with such information as imprint date, call number, and binding condition, were recorded. A wealth of information was generated through statistical analysis of the data, helping to identify brittle paper as well as paper that can benefit most from deacidification procedures. The results will guide the Library in its approach to a full-scale deacidification program in the coming years. For example, it has been shown that some Library classes have a higher proportion of embrittled books than others, which could give them priority in the deacidification queue.

The County Atlas Project was completed one year ahead of schedule at a savings to the government of more than $150,000. Some 1,300 atlases have been cleaned, deacidified, and bound over the life of the project, the Library's first major effort to contract on a large scale for specific conservation services (other than binding). It is likely that future projects of this type will be proposed, because of the fiscal economies to be realized. The atlases themselves, among the most frequently used materials in Geography and Map Division custody, are showpieces of the collection, able to withstand repeated use by researchers without further deterioration.

For many years a large-scale preservation microfilming operation has been conducted by the Library of Congress. In 1984, after extensive staff training, the Preservation Microfilming Office (PMO) assumed full responsibility for preparing minimal-level cataloging (MLC) records online for preservation master microforms and input into the Library's machine-readable system. This approach replaces a system whereby catalog information was recorded in PMO and transmitted to the Processing Services department for incorporation into the Library's data base. The prompt preparation of MLC records and their incorporation into, first, the LC system and, soon thereafter, the national bibliographic networks lead toward elimination of duplication in filming. The Library's cooperative filming agreement with the Research Libraries Group (RLG) was described in last year's report. PMO handling of MLC monographic records is an essential ingredient of a national system, with subsequent incorporation of the catalog information into the Research Libraries Information Network (RLIN). Previously, although their condition warranted filming, some brittle materials had to await cataloging. The new system will widen the scope of retrospective conversion and will also result in the creation of analytic records to improve access to titles in large special collections yet to be filmed.

In other developments, the Joint Committee on Printing denied the Library's request for a waiver that would have left procurement of commercial binding services in LC hands rather than those of the Government Printing Office. Instead, new procedures for contracting were worked out between GPO and the Library, so that the Library's technical advice will be made available in the awarding of contracts. The Binding Office completed the restoration and rebinding of 1,100 art folios in the N collection, a project in progress for several years.

The National Preservation Program Office continued to create products of use in its efforts to disseminate preservation information in the most efficient and cost-effective manner. Preservation Leaflet No. 6 was published, *Audiovisual Resources for Preserving Library and Archival Materials*, and a new ten-minute slide show with synchronized tape was produced: *Handling Books in General Collections*. Completed in April, it was shown to a number of Library of Congress groups and has been made available outside the Library as well. The second of three conferences jointly sponsored with the Resources and Technical Services Division of the American Library Association took place in St. Louis on April 13 and 14. Seventy-eight registrants from twenty-six states and two Canadian provinces heard eleven speakers, three of them from the Library's Preservation Office.

SERVICES TO READERS

On October 4, 1983, the Social Science Reading Room (SSRR) in the John Adams Building was dedicated. Formerly an unspecialized reading room, a counterpart to the Main Reading Room, the SSRR has been fashioned especially for those studying business and economics, political science, education, and sociology. Thus the encyclopedia plan is one step closer to realization. The new reading room has specialized reference materials and is staffed by reference librarians specializing in the social sciences. Because the relocation of the general collections is bringing most social science classes into the Adams Building, it is expected that those whose research is concentrated in social science materials will in the future make the Adams Building and the SSRR their preferred locations. (Old-timers will recall that the SSRR has gone through many name changes since the Adams Building—then "the Annex"—opened in 1939. It was the Chaucer Room, so called because of the Ezra Winter murals, the North Reading Room, and, most recently and most confusingly, the Thomas Jefferson Reading Room.)

The physical layout of the European Reading Room was changed to permit the addition of some West European reference books without reducing the existing collection. West European newspapers and periodicals were added to those readily available in the reading room. These steps plus the addition of a reference librarian with French specialization are helping to create a genuine "European" reading room, a goal for the past several years.

The General Reading Rooms Division began a new public training program for users of the Library's online systems. To accommodate an increased need for training and to provide an efficient alternative to individual training in the Computer Catalog Center, the staff designed group training sessions in basic and advanced SCORPIO and MUMS and presented them in the new Automation Orientation Center. Over a thousand users and staff received training in this new facility during the year.

Through a contractual agreement, the Newspaper and Current Periodical Reading Room became one of several test sites for Wilsonline, the automated data base for periodicals published by H. W. Wilson Co. The test was successful, enabling reference staff to provide additional services to readers while accumulating for the publisher information about the strengths and weaknesses of the system. An orientation slide show prepared for the Local History and Genealogy Reading Room was shown first on November 3 to a suburban Maryland adult education class studying Irish genealogy. In addition to screenings for visiting groups, there is a daily showing for users of the reading room.

For the first time in its history, the National Referral Center (NRC) answered at least 1,000 referral requests each month. The yearly total reached 17,690, an increase of more than 80 percent in the past two years. The number of organizations currently described in NRC's data base now exceeds 14,000. Because NRC was one of the first Library units to explore automation extensively in its routines, management of its automated systems is proving to be troublesome for both the division and the Automated Systems Office. (Potholes are most noticeable in old highways, not new.) Nevertheless, the division continues to issue its publications, by-products of its data base, and increase its direct reference service year by year.

An unusually large number of compliments were received for the reference staff in the Science and Technology Division. One correspondent wrote, "The Library is truly a national treasure—for its books and collections—and even more, I think, for the staff."

A continuing problem for reader service is the irregular performance of the Automated Book Conveyor system, upon which service to the three Library buildings depends. Problems ranged from mechanical breakdowns to inability of the system to "read" a particular box's destination. It is hoped that the Collections Control Center established under the reorganization of the Collections Management Division will enable the Library to eliminate many of these problems in the near future.

Loan Division Activities

Service to Congress, the Library's principal constituency, was improved through greater use of the House Information Systems network. Although most congressional loan requests continue to be received by telephone, there is growing use of the electronic mail system for its inherent advantages (no busy signals, transmission of requests even when there is no one there to receive them, speed and accuracy, etc.). The division's Capitol Station, which by law is open whenever either house of Congress is in session, also made good use of the House Information Systems in a year when late night, early morning, and even all-night sessions were on the increase. The degree of reciprocity between the Loan Division and congressional offices is noteworthy. For example, when Sen. Donald Riegle learned that congressional demand for his book *O Congress* was outstripping the Loan Division's ability to meet it, he contributed extra copies for circulation. Congressional borrowing remained steady, about 49,000 requests, with a success rate of 71 percent.

To assist government agency borrowers, a comprehensive document was prepared to explain Loan Division services, policies, and resources especially earmarked for agencies. This category of loans was also almost constant, about 50,000 items, with a success rate of 65 percent. For another 32.5 percent, alternative locations were suggested.

The Loan Division now uses OCLC, Inc., RLIN (Research Libraries Information Network), ITT Dialcom (ALAnet), and Ontyme II as part of its normal resources in receipt and satisfaction of interlibrary loan requests. But numbers and networks alone cannot measure this important service. During fiscal 1984, for example, twenty-two years of *Import-Export Bulletins* were made available to a Philadelphia law firm which was party to a case involving asbestos litigation and for which the bulletins were indispensable but scarce. There is a similar story behind many of the loans made by the division.

PUBLIC PROGRAMS

The Sixteenth Coolidge Festival of Chamber Music took place October 28–31, 1983, with five concerts in the four-day period. World premieres of eight works were performed, all commissioned by three foundations in the Library of Congress: the Coolidge Foundation, the Koussevitzky Foundation, and the McKim Fund. The first Coolidge Festival was held in October 1925. Subsequent festivals have been scheduled irregularly, every few years. Many famous twentieth-century works have been first heard at these festivals in the Coolidge Auditorium, including Bartok's Fifth String Quartet (1934), Aaron Copland's *Applachian Spring* (1944), Gian Carlo Menotti's *The Unicorn, the Gorgon, and the Manticore* (1956), and George Crumb's *Ancient Voices of Children* (1970). This year's festival featured new works by Morton Gould, Robert Hall Lewis, Roger Reynolds, and Morton Subotnick of the United States; Noam Sheriff and Josef Tal of Israel; Sandor Balassa of Hungary; and Yoritsune Matsudaira of Japan.

The First Festival of American Chamber Music, held April 27–May 25, opened with a program by Richard Bales and his National Gallery Chamber Orchestra which included two of his own works. Mr. Bales was cited for his "lifelong championship of his country's music." Also of interest was Joel Krosnick's series "The Cello: A Twentieth Century American Retrospective." The first of five concerts was given in January, and the final one is scheduled for November 1984. A full list of concerts appears in appendix 13. Robert Marshall, the first Harold Spivacke Consultant in the Music Division, helped that division anticipate the Bach tricentennial with a lecture in September. He is to return in March 1985 for a second lecture on Bach.

With the approval of the Library's Trust Fund Board, the Kindler Foundation was established in the Library this year. It will support both commissioning and performances.

Literary Programs

On November 14 and 15, 1983, the Library was host to a celebration commemorating the fiftieth anniversary year of the Academy of American Poets. During the course of two evenings, fourteen leading American poets, including six Consultants in Poetry to the Library, read from their works to packed audiences in the Coolidge Auditorium. The academy, founded in 1934, began its yearlong celebration with the Library program.

One of those present for the celebration and reading was Robert Fitzgerald, a chancellor of the academy. In May the Librarian appointed him Consultant in Poetry to succeed Anthony Hecht. By late summer, however, the distinguished poet and translator of the classics was seriously ill and unable to assume his duties as consultant. Reed Whittemore, who had served as Consultant in Poetry for 1964–65, agreed to fill in as interim consultant, pending Mr. Fitzgerald's recovery, and began the 1984–85 season in his stead. It was the first time in the near-fifty-year history of the consultantship that an interim consultant had been appointed.

In March three short Samuel Beckett plays were presented at the Library in a special two-night engagement by the New York cast, a production that had been labeled one of New York's "ten best" of the season. Other literary programs of note were readings by Bernard Malamud, Shirley Hazzard, and Joseph Brodsky, lectures by Richard Ellmann, Reed Whittemore, and Northrop Frye, a re-creation of Thomas Edison by actor Pat Hingle, and a two-day conference on George Orwell and 1984. A complete list of literary programs appears in appendix 13.

Other Programs

In its first full year of operation, the Mary Pickford Theater showed 101 films, primarily from the Library's collections, on seventy-one evenings throughout the year. There were five separate series: "Paramount Silents," films produced from 1914 to 1930; "Canadian Documentaries"; "Technicolor Cinematographers"; "Neglected Recent Features"; and "American Society in the Korean War Years." In addition, a second series of Mary Pickford films was shown, most of them prints lent by the Mary Pickford Company. The Motion Picture, Broadcasting, and Recorded Sound Division also began series of weekly presentations by members of its staff to acquaint their colleagues with the resources of the division.

The Lincoln-Juarez lecture series under the sponsorship of the U.S. Department of State and the Mexican Foreign Ministry was initiated in 1984. On June 21 Ambassador Antonio Gomez Robledo of Mexico lectured in the Coolidge Auditorium, the counterpart to a lecture delivered in Mexico in February by Librarian of Congress Daniel J. Boorstin.

Two symposia were held in connection with major Library exhibits, and a third was to occur soon after the close of the fiscal year. The Great Hall exhibit "Words in Motion: Modern Japanese Calligraphy" opened on July 14. On the next day the Asian Division, in cooperation with the Center for the Book, sponsored a symposium and calligraphy demonstration with lectures on Japanese calligraphy, literature, and art and demonstrations by two artists represented in the exhibit. The Madison Gallery exhibit "The Pennell Legacy: Two Centuries of Printmaking," featured prints by Joseph Pennell or from his collection and some of those purchased with funds from the Pennell Fund established in the 1930s. It was accompanied by a symposium on contemporary printmaking, sponsored by the Prints and Photographs Division. The next Madison Gallery exhibit was "Images of the World: The Atlas Through History," drawn from the unsurpassed collections of the Geography and Map Division. An international symposium on the atlas was to occur in late October 1984. Among other symposia held in 1984, that sponsored by the European Division on Modern Greek literature was notable. Held in November 1983, it commemorated the hundredth anniversary of the birth of Nikos Kazantzakis and was organized in cooperation with the Embassy of Greece. Kazantzakis's widow attended and spoke movingly about her late husband's life and work.

A musical event sponsored by the Hispanic Division in cooperation with the Embassy of Spain featured Frederick Marvin, a specialist on the eighteenth-century Spanish composer and performer, Antonio Soler y Ramos. Mr. Marvin's piano concert drew upon unpublished Soler manuscripts from the Cathedral Archives in Madrid.

Exhibits

A wide variety of Library materials from Research Services collections were on exhibit during the year. Mentioned earlier were the major exhibitions of atlases, Pennell prints, and Japanese calligraphy. It was the Library's first major exhibition of atlases, of which the Library's collection is one of the world's largest—some forty-seven thousand items. Likewise, the Pennell print exhibit was the first extensive showing of one of the great strengths of the collections, an eye-opener to many viewers.

Other materials extensively displayed, to cite only a sampling, were political cartoons for the exhibit marking the Truman centennial; photographs highlighting the great opera stars in an exhibit at the Performing Arts Library marking the hundredth anniversary of the Metropolitan Opera; railroad maps and award winning map entries in the Geography and Map Division exhibit space; posters in several separate exhibits; Japanese children's books and their translations; Gershwin manuscripts and memorabilia; and, as always, caricatures from the Caroline and Erwin Swann Collection, displayed in the Oval Gallery.

PUBLICATIONS

A major two-volume publication, ten years in preparation, was published in 1984: *Revolutionary America, 1763–1789: A Bibliography*, compiled by Ronald Gephart of the Manuscript Division, formerly a bibliographer in the General Reading Rooms Division, where much of the compilation was done. Initially a project of the Library's former American Revolution Bicentennial Office (ARBO), the bibliography lists hundreds of books and articles written about the American Revolution from the eighteenth century to 1972. Another, more ambitious project which originated in ARBO but continues in the Manuscript Division is the multivolume *Letters of Delegates to Congress, 1774–1789*. Volume 10 of the *Letters* was published in 1984, covering the wartime summer of 1778.

Another major publication of the year, its publication date coinciding with the Library's November 14, 1983, celebration of the fiftieth anniversary of the Historic American Buildings Survey (HABS), is *Historic America: Buildings, Structures, and Sites*. It contains essays and remarkable illustrations and a checklist compiled by Alicia Stamm of the National Park Service, documenting more than sixteen thousand HABS projects. The massive volume, which quickly went into a second printing, was edited by C. Ford Peatross, curator of the HABS collection in the Library's Prints and Photographs Division. HABS documentation, created by the Park Service, is permanently housed in the Library of Congress, through a tripartite agreement involving those two agencies and the American Institute of Architects.

Railroad Maps of North America: The First Hundred Years, compiled by Andrew Modelski of the Geography and Map Division, contains ninety-two maps and some eighty related illustrations. More than four thousand copies were sold during its first six months of availability. (An exhibit of some of this material was described in last year's report.) A publication about the extensive cookery collections in the Rare Book and Special Collections Division was *Two Loaf-Givers*, by Leonard Beck of the division staff.

The European Division continued to issue timely or anniversary bibliographical pamphlets, including two of the latter variety compiled by Janina Hoskins: *Ignacy Jan Paderewski* and *Victory at Vienna: The Ottoman Siege of 1683*. The division, in cooperation with editorial staff employed by the American Association for the Advancement of Slavic Studies, is making strenuous efforts to bring up to date the *American Bibliography of Slavic and East European Studies*. Considerable progress was made in 1984, when volumes covering 1980 and 1981 were published. Among other continuing bibliographies, volume 44 (Humanities) of the Hispanic Division's *Handbook of Latin American Studies* was published. No new volume of the Science and Technology Division's *Antarctic Bibliography* appeared, but the staff prepared and published a cumulative index to volumes 8–12.

Much bibliographical effort in Research Services goes into shorter reading lists and guides designed to provide a brief but sound introduction to a specialized subject. The best known of these are the *Tracer Bullets*, prepared by the staff of the Science and Technology Division. Eight new titles appeared in 1984, bringing that total to 168. All told, more than a quarter million *Tracer Bullets* have been distributed. The National Referral Center issued six new titles in its *Who Knows?* series. The General Reading Rooms Division published more than twenty-five bibliographical lists in 1984, including several prepared for the CBS/Library of Congress series "Read More About It."

Three lectures given recently in the Library's ongoing literary program and published in 1984 give interesting views by prominent poets and critics of three major literary figures of the past century: Richard Ellmann's *Oscar Wilde at Oxford;* Anthony Hecht's *Robert Lowell;* and Reed Whittemore's *William Carlos Williams: "The Happy Genius of the Household."*

Two "outside" publications merit mention because of their relevance to the history of the Library of Congress and its collections. The great five-volume *Catalogue of the Library of Thomas Jefferson,* compiled by E. Millicent Sowerby and published by the Library in 1952, has now been reprinted by the University Press of Virginia. A second publication, *Oscar Sonneck and American Music,* edited by former Library employee William Lichtenwanger, gathers writings by and about the first chief of the Library's Music Division.

STAFF ACTIVITIES

The Assistant Librarian for Research Services and the director for area studies were members of an official five-person Library of Congress delegation that visited China in late May and early June. The director for area studies served as secretary of the delegation, which was headed by the Deputy Librarian of Congress. The group, under the sponsorship and at the invitation of the National Library of China, traveled to Beijing, Wuhan, Shanghai, Hangzhou, Guilin, Guangzhou, and Hong Kong, visiting libraries, giving lectures, and holding seminars for library staffs and professional library groups. The Assistant Librarian also met with Spanish and Latin-American national archivists in Seville in late June to discuss international cooperative projects to commemorate the 500th anniversary of the Columbus voyage in 1992, especially a possible project for increased preservation microfilming of the manuscript records in the Archivo General de Indias in Seville.

The director for general reference led a workshop on improving reference management in Atlanta May 10–12, sponsored by the American Library Association Reference and Adult Services Division and the Southeast Library Association. Both the director for preservation and the chief of the Science and Technology Division devoted considerable administrative time during the year to the Optical Disk Pilot Program.

The chief of the Manuscript Division delivered the introductory lecture, "The Treaty of Paris and the International State System," at the inaugural symposium of the Folger Shakespeare Library's new Center for the History of British Political Thought. Dr. Hutson also serves on the advisory committee for the 1987 Exhibition at Independence National Historical Park in Philadelphia celebrating the bicentennial of the U.S. Constitution.

Clara Lovett, then-chief of the European Division, was a member of the U.S. delegation to the International History Conference on Regionalism and Federation in Florence, Italy, October 25–27, 1983. The chief of the Loan Division was elected to the Board of Directors of the Reference and Adult Services Division of the American Library Association and to the editorial board of *College and Research Libraries News.* The chief of the Geography and Map Division is serving a three-year term as vice-president of the Society for the History of Discoveries. The chief of the Rare Book and Special Collections Division was appointed to the visiting committee of the Annmary Brown Memorial Library at Brown University. The assistant chief of the Hispanic Division completed his term as president of the Seminar on the Acquisition of Latin American Library Materials (SALALM).

Princeton University Press published *On the Art of the No-Theater: The Major Treatises of Zeami,* translated by J. Thomas Rimer, chief of the Asian Division, and Yamazoki Masakazu. The same university press published volume 2 of *The Journal of Henry D. Thoreau,* edited by Robert Sattelmeyer. The series is under the general editorship of the Assistant Librarian for Research Services. "Tribute to the American Civil Servant," for narrator and wind quintet, composed by Jon W. Newsom, was performed in January at Washington's Constitution Hall.

BASIC WORKLOAD

More than one million readers used the seventeen reading rooms of Research Services for the second year in a row, though the total number (1,015,542) was down slightly from 1983. All four Area Studies divisions experienced increases in the numbers of readers served, ranging from small (Hispanic) to large (European, more than 20 percent). There is no single explanation for these particular increases. The Iran/Iraq war, the continuing crisis in Lebanon, and trans-Pacific trade issues demonstrably accounted for some of the interest, to be sure. The increased activity on the part of Area Studies divisions in sponsoring scholarly symposia has also undoubtedly increased the visibility of these divisions and called attention to the Library's foreign language collections. Although its number of "readers" is small, the National Referral Center nearly doubled that total this year.

In the Madison Building the surge in readership that invariably followed relocation has subsided, with only the Prints and Photographs Division experiencing a significant increase (19 percent) while other divisions marked slight increases (Serial, Manuscript) or slight declines (Geography and Map, Music).

Throughout the department there has been an increase in exhibit preparation and processing activities and a decline in bibliographic activity, despite the fruition this year of projects and products begun some years ago. This is a trend that is easy to account for on a short-term basis but not one that should be perpetuated.

6

Law Library

In fiscal 1984, three benchmarks were reached that are symbolic of the Law Library's continuity and its future. First of all, this year marked the completion of the Law Library's three-year transition into its new physical location in the Madison Building. Secondly, the Law Library staff reached its largest size ever—101—in terms of the total number of allocated staff positions. Of course, it is not merely size that is important but the fact that the added positions represent new and expanding services to be offered by the Law Library. The responsibilities of the new staff members will involve generation of bibliographies, strengthening our collection, an ongoing exhibits program, assistance in using foreign legal materials, increased use of automation and computer-assisted data bases, a variety of public information projects, and more editorial support for reports and publications. Finally, the Near Eastern and African Law Division celebrated its twenty-fifth anniversary as one of the five divisions of the Law Library. Since its creation in 1959, it has provided—along with the four older divisions—a wide variety of continuing services to the Law Library's diverse constituencies.

The Law Library staff as a whole not only offered its traditional reference and research services but also explored ways to augment the support that it offers to its users. In order to evaluate the quality of that service, staff members participated in a Library-wide user survey requested by Congress. In keeping with the idea of assessing the Law Library's service in order to improve it, an in-depth analysis of automated serials-control systems was undertaken, as was a review of office automation software. Some twenty staff members took part in the inhouse subject-oriented training sessions on the use of the LEXIS/NEXIS data bases. The concept behind the sessions was to broaden the base of resources that staff members might turn to in finding highly current social, political, economic, and legal information that would affect the comprehensiveness of their work products.

To keep pace with the increasing information-delivery demand, the Law Library procured an additional word processor, thereby substantially reducing the time and effort involved in document generation, editing, and updating. The Law Library uses the Library-wide electronic mail system to expedite the flow of interdepartmental communications and, in particular, to ease the exchange of information with other Library units—the Loan Division, for instance.

Three of the four public terminals in the Law Library Reading Room were moved to give them more visibility and to enable users to easily interact with computerized Library systems without requiring extensive staff assistance. This is particularly important in a year when there have been marked improvements in online access to call numbers for legal monographs and serials through the addition of this information on *AACR2* records classed "LAW" and subsequent elimination of the Law Library Add-on Catalog. In all, some six thousand monographs and two hundred serials were added.

The interest taken in Law Library services and activities in fiscal 1984 as compared to fiscal 1983 was evidenced by an 11 percent increase in readers, a 57 percent increase in the number of bibliographies generated, an 8 percent increase in materials circulating in the department's reading rooms, and a rise in the number of requests for photoduplication of Law Library materials. This interest is also apparent from the number of notable foreign visitors whom the Law Library has hosted during the year. Included among them were judges from Nepal, Zaire, South Africa, Australia, Denmark, Nigeria, Congo, and Brazil; professors from Argentina, Egypt, Costa Rica, Italy, Greece, Yugoslavia, Turkey, Mexico, Chile, Canada, and Venezuela; and government officials from Norway, Sweden, France, Austria, Japan, Taiwan, Morocco, and Uruguay.

The Law Library participated in the interdepartmental visit of the Deputy Director of the Bundestag Library in Bonn, Germany. Dr. Gerhard Hahn spent three weeks in the Law Library, and the Law Library staff also arranged for him to visit ten other law libraries in the Washington area.

The Law Library served as a practicum setting for students from library schools around the country and for interns from the Library of Congress Intern Program. This opportunity allowed the participants to observe firsthand the workings of the Law Library of Congress and to become more familiar with the largest collection of legal materials in the world. The program also benefited the Law Library, since the participants, under the supervision of regular staff members, were able to carry out a number of special short-term projects that had needed attention.

Professional associations were particularly active in initiating more contacts with the Law Library. Delegations from the American Bar Association, the Association of American Law Schools, and the American Association of Law Libraries were given special orientations during 1984 and had the opportunity to meet with staff members to discuss future programs and plans.

As the Law Library establishes itself in the Madison Building, its staff, services, and resources are increasing to meet the growing demand for legal information.

SERVICES TO CONGRESS

Congress is the key client of the Law Library and is served in a wide variety of ways by the staff. Members of Congress and their aides most often ask for assistance in finding and interpreting the laws of foreign nations and the precepts of international law. Such information may be required in support of pending legislation, in conjunction with congressional investigations, or to assist a constituent. Legal specialists who are knowledgeable in the law of specific foreign countries and who have the necessary language fluency prepared 1,111 special studies and 27 bibliographies in fiscal 1984, answered 7,123 telephone requests, and gave in-person advice on appropriate courses of legal action.

Research Reports

As in past years, the topics researched from the Law Library's unparalleled collection of laws reflected the gamut of world events and their legal implications. Research focused on such issues as dual nationality; the constitutional and legal restraints on security clearances and related investigations in the Federal Republic of Germany; regulation of experimentation on laboratory animals; rules governing underwater mining of coral in the waters off the coasts of Italy, Tunisia, and Australia; laws in developing nations that direct implementation of the 1981 World Health Organization's International Code of the Marketing of Breast-Milk Substitutes; and the legality of a police-ordered cremation with no autopsy in Sri Lanka.

The Far Eastern Law Division played a significant support role for the staff of the Special Subcommittee on U.S. Trade with China of the House Committee on Energy and Commerce. The division chief, Tao-tai Hsia, testified on Chinese patent law, and a study prepared on this topic and on other legal developments in China was published as a committee print. The assistant chief, Sung Yoon Cho, participated with Congressional Research Service staff members on a study considering the U.S.-Japan Beef and Citrus Import Agreement. In the European Law Division, Italian legal specialist Giovanni Salvo contributed to congressional committee work on alcoholism and drug abuse, and Finn Henriksen, the Scandinavian legal specialist, advised a congressional committee on matters relating to taxation.

Translations

Translation of foreign laws and legal documents is a significant service offered by the Law Library. A total of twenty-eight translations were prepared in fiscal 1984. Among the materials that required translation were a number of letters sent to Congress regarding an associate of the Reverend Sun Myong Moon. In addition, Burmese legal specialist Mya Saw Shin translated text from the *Congressional Record* concerning international narcotics control for use by Sen. Paula Hawkins during her trip to Southeast Asia. Other translations were used by Congress to achieve a better understanding of Yugoslav joint venture investments and Poland's economic plight.

Briefings

The Law Library once again offered its congressional staff orientation program in fiscal 1984. This year 204 staffers from 160 congressional offices were briefed by Law Library personnel. A representative of the Law Library also attended the introductory Congressional Research Service briefing and answered questions about the Law Library and its services.

SERVICES TO GOVERNMENT AND OTHER NONCONGRESSIONAL USERS

The Law Library provides service to government administrative agencies, the judiciary, the bar, legal scholars, librarians, students, representatives of foreign governments, and the general public. During the course of the year, these groups received an aggregate of 1,106 special studies, 17 translations, and 556 bibliographies. In addition, there was a constant flow of letters and telephone calls relating to a broad array of questions to which inquirers assumed the Law Library should have answers. These are exemplified by the following:

What is the status of the children of concubines in Taiwan?

Does an assault conviction in Great Britain constitute a crime of moral turpitude?

What is the oath an alien takes in becoming a naturalized citizen of Canada? Does it include renunciation of foreign citizenship?

What is the law on possession of marijuana in Tasmania?

May a civil liberty suit be brought by a child against his parents in Bahrain?

Who were the jurors and what were their backgrounds in the John Peter Zenger libel case?

What states give the authority to arrest a sheriff to the coroner?

What is the wiretapping law in Mexico regarding private conversations?

What is the immigration status of foreign children adopted by American citizens?

Is it possible to verify the academic training of a Vietnamese person?

What is the Thai law of marriage and legitimacy?

Often, the Law Library's services include testifying for a court or providing a legally binding statement to be used in a formal legal proceeding. The assistant chief of the Hispanic Law Division, Armando Gonzalez, testified in a case involving Exxon Corporation's claim to $27.4 million as a bad debt deduction under the Internal Revenue Code. French legal specialist Mohammed T. Ahmedouamar served as a French law expert witness in *Security and Exchange Commission v. Rogers*. British legal specialist Kersi B. Shroff was called as an expert witness in a Tax Court case dealing with oil production in the North Sea.

LEGAL INDEXES AND PUBLICATIONS

The Index to Latin American Legislation underwent a positive transition in this fiscal year through a change in the computer inputting system. Under the new program, and with the use of more advanced hardware, the system can cross-check its index terms with those used for other Library-wide computer systems. In addition, simplification of the process made it possible to enter more documents at a faster rate. By the end of the fiscal year, 3,478 records had been input and the index was more up-to-date than it has been in the past five years.

The Fifteenth through Nineteenth Centuries Spanish Legal Documents Project was completed in March 1984. The items from this period are the last of the Law Library's large separate holdings to be incorporated into its general collection. Some 2,597 documents were identified and indexed under six categories. The briefs category had the largest number of documents, followed by laws and statutes, opinions and judgments, canon law, and notarial instruments. The sixth category included approximately 200 items of a miscellaneous nature. Because of their potential research value, 609 documents were selected for further scrutiny and categorization as follows: 1) laws, statutes, instructions, and decrees of kings and government agencies; 2) documents pertaining to the Spanish Inquisition; 3) papal bulls and concordates; and 4) documents involving well-known historical persons.

A second group of documents consisted of 798 items from colonial and post-independence Hispanic America, specifically from the regions that are today included in Colombia, Mexico, Peru, and Puerto Rico. These documents were assigned to four separate categories: laws and statutes, canon law, briefs, and miscellaneous.

The Hispanic Law Division assisted the Law Library Processing Section and the Restoration Office of the Research Services department in preparing these materials for microfilming and other preservation procedures. They are currently being microfilmed.

The following publications were issued by the Law Library during fiscal 1984:

Bibliografía de obras sobre el derecho de los Estados Unidos de América en lenguas extranjeras: Entrega hispánica, by Marie-Louise Bernal, Rubens Medina, and Ivan Sipkov

The Chinese Communist Party Constitution of 1982: Deng Xiaoping's Program for Modernization, by Tao-tai Hsia and Constance A. Johnson

Drunk Driving Laws in Various Foreign Countries, by the Law Library staff

Recognition and Enforcement of Foreign Judgments in Various Foreign Countries, by George Roman

The *Bibliografía* is part of a continuing project under the direction of the European Law Division to address inquiries received from abroad for non-English language materials on American law. The drunk driving laws publication was in great demand and will be reprinted.

A collection locator pamphlet was produced as part of an effort to make Law Library Reading Room use and procedures more self-explanatory. In addition to the publication, illustrated signs have been posted to reduce the need for staff assistance for directional information.

The Law Library's paperback publications are distributed without charge. Copies of each publication are sent to the 230 libraries and organizations in the Documents Expediting Service and on the department's mailing list. While supplies last, copies are also provided to any individuals who request them. In fiscal 1984, 2,989 publications were distributed.

COLLECTION DEVELOPMENT

The number of volumes added to the permanent collection during fiscal 1984 totaled 41,165. Of these, 26,344 volumes were classed in K and 551 were classed in J. With 2,446 volumes being discarded from the collection, the Law Library's holdings had reached 1,812,634 volumes by the end of the fiscal year. In addition, 5,696 reels of microfilm and 22,017 sheets of microfiche were added to the collections, bringing the total holdings in microtexts to 34,583 reels and 585,354 fiche.

Exchanges and Gifts

The Hispanic Acquisitions Section of the Exchange and Gift Division exerted substantial efforts this year to help the Law Library acquire gazettes from difficult areas such as Cuba, Nicaragua, Jamaica, Suriname, and Haiti.

The *U.S. News & World Report* donated a large collection of congressional hearings, many from the 1970s, which enabled the Law Library to replace several volumes that had been missing from its collections.

Selection and Acquisition

The Law Library recommending officers reviewed 6,156 lists and offers. As a result of this review, 9,524 items were recommended for acquisition. This figure represents an increase of more than 75 percent over the previous year.

Among the unique materials added to the Law Library collections were:

An 1824 printing of "an Act to organize, govern and discipline the Militia of the State of Maine"

Microfilm editions of the *Korean High Court Report*

Selected issues of the *Unofficial Translation of the Laws of the Republic of Korea*

Compendia and treatises of Vietnamese legal materials on twenty-three microfiche sheets

Chartre Constitutionnelle des François, ou la Constitution Françoise . . . law 5 Août 1791 [together with] Supplémènt à la Constitution Françoise, le Septembre 3, 1791. A Paris et à Liège, chez J.A. Latour, 1791. (the text of the French Constitution as it was read and approved by the Assemblée Nationale on August 5, 1791).

Special efforts were made to arrange for the deposit of records and briefs from the Seventh, Eighth, Tenth, and Eleventh Federal Courts of Appeals. The Eleventh Circuit responded positively to a letter received from the Library of Congress. The Tenth Circuit is reviewing the matter. In addition, 72,900 pieces from the Ninth Circuit were received from the Center for Research Libraries.

Arrangements for the acquisition of needed materials were made as a result of Law Library staff trips to England, Japan, China, Cyprus, Greece, Turkey, Austria, and Poland. Karel Wennink, the department's Dutch legal specialist, went on a special acquisitions trip to the Netherlands Antilles and Suriname.

Collection Access, Organization, and Maintenance

Total receipts in the Law Library increased by 29 percent in fiscal 1984 as compared to fiscal 1983.

The House Committee on Appropriations raised certain questions about the completeness and currency of the Law Library's serials. As a result, the Order Division was instructed to change the shipping address for approximately 282 legal periodicals retained in the Law Library Reading Room. These will be mailed directly to the reading room and will be checked in there. The system will better serve the needs of both the staff and the users. In addition, the Copyright Office was given a list of these titles to add to the Serial Claiming Project list for priority handling.

Range finders for legal periodicals (LAW PER and class K 1–30), Central and South American materials, and the serial set were added to the ROSCOE line library and were printed for mounting on the individual ranges.

The Processing Section searcher took over the marking of incoming serial receipts from all sources and expanded the title card control file for that purpose. A total of 16,471 incoming serial items requiring "LAW," "LAW PER," JX, or K call numbers were marked before being routed to the stacks through the Law Library divisions.

Discussions were continued with the Serial Record Division Processing and Reference Section on ways to change their accessioning routines to be more accommodating to Law Library shelving and call number requirements for bound and unbound materials classed in K, "LAW," or JX.

During the fiscal year, 937,753 pieces were shelved, as compared to 809,841 for fiscal 1983. This 15 percent increase is attributed in part to the receipt and shelving of over 80,000 United States Courts of Appeals records and briefs. Much staff time was spent in major shifts within the collection associated with continued receipts of these items. Some 2,275,163 loose-leaf inserts were filed, a 10 percent rise over the previous year; 32,944 pocket parts were filed. There was a decrease, however, in the number of shelves read.

The number of volumes prepared for binding decreased slightly as compared to the previous fiscal year, with a more noticeable decline in the number of pieces prepared for binding. The decreased production level for binding preparation resulted from the introduction of a review process in October 1983 to ensure quality control on work submitted by the binding technicians.

The number of items perforated, plated, and machine marked by the Processing Section messenger dropped as these tasks were assumed by the Binding Office. Staff members in that office provided priority services on Law Library reference material referred to them on a daily basis, in addition to handling other labeling, and thus freed the messenger for other distribution responsibilities.

The Carrollton Press proposal to incorporate "LAW" bibliographic records in the RE–MARC Project was accepted by Processing Services in May 1984. During July and August the company microfilmed "LAW" entries from 544 Law Library shelflist card catalog trays. These data will be submitted for keying by input operators in Scotland, as was done for the classed shelflist in the late 1970s.

The Law Library also participated in the Cataloging Arrearages Review Project conducted by the Collections Development Office. The project ran from June 8, 1983, to June 1, 1984, and covered materials in Arabic, English, French, Greek, Hebrew, Latin, Spanish, and Portuguese.

Circulation

The total circulation of Law Library holdings rose to 979,133 items in fiscal 1984, a 7 percent increase over fiscal 1983. Of these, Congress borrowed 10,994 volumes from the Law Library in the Capitol, and 10,967 were sent out on interlibrary loan. The deck attendants responded to 75,491 call slips for items to all requesters, including the Loan Division. A total of 1,313 books were circulated from the rare book room to 167 readers.

Because the not-on-shelf rate rose slightly, to 16,273 items, a revised special search procedure was instituted for users receiving "NOS" call slips. Now, searches are completed within three days and a follow-up telephone call is made to the user.

Circulation service via the Book Paging System was upgraded to facilitate communication between the Law Library and Research Services.

Preservation

Rare Book Restoration

The Restoration Office completed approximately 2,400 hours of work for the Law Library. The most intense project involved preparing 7,000 Hispanic legal documents for microfilming. The original documents will be retained as a unit and are housed in acid-free folders in manuscript boxes. Twelve items received full conservation treatment, including an 1824 Justice Taney letter, an 1839 Lincoln legal writ, and a 1639 Ferdinand III decree. Thirteen items received minor repair and were appropriately boxed.

The valuable 1931 *Code Civil d'Haiti* was sent to the New England Document Conservation Center for mylar encapsulation and rebinding into five volumes.

PERSONNEL

The Law Library enhanced its staff expertise in the jurisdictions for which it provides research, reference, and collection development. Newly hired legal specialists include: Zigmas A. Butkus, Russian and Soviet law specialist, who had been a former District Judge in Lithuania before he emigrated to the United States; Petru Buzescu, Romanian and Swiss law specialist, who received a master of laws degree from New York University immediately before taking his position at the Library; and Thai specialist Thanes Sucharikul, who is working part-time while pursuing graduate studies at George Washington University.

Donna Brusoski joined the Law Library Reading Room staff as an assistant reference librarian. She had been working at Indiana University Law

School Library while studying for her law degree there. Roberta I. Shaffer left a teaching position at the University of Houston Law Center to assume her duties as the special assistant to the Law Librarian in June. Jane Norton, the new editor in the Hispanic Law Division, had been employed by the Michie Company, a lawbook publisher.

Training

Twenty-five staff members participated in in-service training courses offered at the Library of Congress. The courses covered a broad spectrum of topics that ranged from health assistance to basic legal citations to automation and data processing. Fourteen staff members took part in university classes, workshops, continuing education programs, and special courses outside the Library. These activities also reflected the diverse duties of the Law Library staff and their need to obtain current information in a variety of areas. The subjects covered included office productivity, the requirements for doing business in Australia, foreign language proficiency in Spanish and Japanese, and the study of law in the People's Republic of China.

Professional Activities

Many members of the Law Library staff teach and lecture at local universities and for programs conducted within the Library of Congress itself. Others participate in seminars, conferences, and programs sponsored by such organizations and institutions as the Asia and World Institute (Taipei, Taiwan), the University of Kiel (Federal Republic of Germany), the International Monetary Fund, the American Association of Law Libraries, the Association of Asian Studies, and the American Society of International Law.

Of particular note because of its implications for future communications was a telepress conference via satellite. Hispanic Law Division chief Rubens Medina participated in the conference, which was sponsored by the United States Information Agency. The two earth stations were the Law Library and the Law School of Tegucigalpa, Honduras. Another event of importance for future communications of a different kind was the visit of the official Library of Congress delegation to the People's Republic of China. The chief of the Far Eastern Law Division was a member of that group.

The Law Library staff was involved in scholarly legal publishing outside the official publication program of the Library. Ivan Sipkov, European Law Division chief, was the author of an article entitled "United States Research of the Laws of the Communist-Ruled States in Europe," published in the *Vanderbilt Journal of Transnational Law*. Another article by Dr. Sipkov, on the new regulations concerning Bulgarian passports, was published in *International Legal Materials*, a publication of the American Society of International Law. His translation of the bylaws of the Bulgarian Communist Party, with an introductory note, was reprinted in *Law in Eastern Europe* ("The Party Statutes of the Communist World"). Dr. Sipkov also published several book reviews in the *International Journal of Legal Information* and *American Journal of International Law*.

George Glos, assistant chief of the European Law Division, published an article entitled "The Czechoslovak Law of Conflict of Laws" in the *Review of Socialist Law*. In addition, four of Dr. Glos's book reviews appeared in *The International Journal of Legal Information*.

Petru Buzescu, Romanian legal specialist, was the author of an article entitled "Joint-Ventures in Eastern Europe," published in *The American Journal of Comparative Law*.

Miklos Radvanyi, German and Hungarian legal specialist, published an article on the downing of Korean Air Lines flight 007 in the *ABA Journal for National Security* and an article on the "Kissinger Report" in *United States Times*.

Two books dealing with Australian law were critiqued by Kersi B. Shroff, British legal specialist, in *Law Books in Review*.

The fiscal year ended with plans developing for increased participation in scholarly meetings and with excellent prospects for filling key staff vacancies that have arisen during the course of the year.

7

Copyright Office

"People serving people," the theme of a photomontage mounted during fiscal 1984 in the halls of the Copyright Office, is also the phrase that best describes the Copyright Office during that year. For it was a year in which the office reached out to the communities it served—to authors and creators of original works, to the international copyright community, and to the Congress of the United States, as well as to its own staff.

REACHING OUT

The Copyright Office was host to many international visitors this fiscal year. In November 1983, before the Intergovernmental and Berne Convention executive meetings on international copyright issues, guests arrived at the Copyright Office to share their concerns about issues as diverse as home video and audio recording, computer software protection, and the Brussels Satellite Convention. In June 1984, when the office hosted a symposium on the sources of international copyright law, distinguished guests from various executive agencies attended as well as guests from overseas.

In February 1984 the Copyright Office, at the request of the committees of the Senate and House of Representatives that deal with issues relating to copyright, hosted a Congressional Copyright and New Technologies Symposium which brought together congressional representatives with futurists, representatives of high-tech industries, and copyright experts. Register of Copyrights David Ladd welcomed the opportunity to provide a forum where issues could be approached "not polemically, but thoughtfully." The symposium featured exhibits of new technologies ranging from satellite disks to optical and audio laser-read disks.

Using new technologies to communicate about technological issues, the Copyright Office in March 1984 cosponsored a teleconference that allowed participants in five cities across the United States to listen and speak via satellite-transmitted video and audio connections. Working together with *Legal Times* and *Law and Business, Inc.*, and in cooperation with the Copyright Society of the United States of America and the American Intellectual Property Law Association, the Copyright Office invited participants to consider "Software Protection: The U.S. Copyright Office Speaks on the Computer/Copyright Interface" at the Hall of Flags of the U.S. Chamber of Commerce in Washington, D.C., and in four other cities. Teleconference panelists discussed the registration of software, copyrightability of data bases, international protection of computer software, and recent developments in these areas of the law.

In the Copyright Office preparations were made for a major permanent exhibit displaying the many contributions that the concept of copyright has made to American letters, art, and commerce. Entitled "By Securing to Authors: Copyright, Commerce, and Creativity in America," the exhibit features landmark copyright cases as well as unusual items illustrating those cases, one of the most notable of which is the "Maltese Falcon."

During the fiscal year the Copyright Office developed and began using a multiprojector slide show entitled "Authors, Artists, and Copyright." The show emphasizes both the importance of copyright to authors and artists and the complexities of copyright registration.

CONSULTATIVE MANAGEMENT

Fiscal 1984 was the year in which the Copyright Office took major steps toward establishing consultative management as the dominant view among managers and staff and toward improving productivity based on this model. In July 1984, management representatives of the Copyright Office signed a three-year agreement with AFSCME Locals 2910 and 2477 to extend the life of the Labor/Management Working Group organized to consult weekly on staff concerns.

Consultative management, defined as a clear articulation of employee involvement in an organization's goals and efforts toward those goals, was proposed by the Copyright Office management team in 1981 as a solution to ongoing backlogs and other problems related to productivity. Initial workshops held in 1982 with Copyright Office management crystallized a commitment to installing consultative management as a modus operandi. The office followed up that commitment by offering training in the techniques of consultative management to all managers and staff.

Task forces organized along the principles of consultative management attacked problems associated with Copyright Office automation, redesign of application forms, and reorganization of document registration. A pilot project for recording documents began in September 1984, and another for handling serials on a product-line basis is scheduled for fiscal 1985.

REPORTING TO THE U.S. CONGRESS

In September 1984 the Copyright Office submitted a report to the United States Congress entitled "To Secure Intellectual Property Rights in Foreign Markets." The report, requested by Senator Patrick J. Leahy, a member of the Senate Subcommittee on Patents, Copyrights, and Trademarks, Committee on the Judiciary, and Congressman Michael Barnes, chairman of the Subcommittee on Western Hemisphere Affairs, House Committee on Foreign Affairs, dealt with the piracy of American works, including books, sound recordings, and motion pictures, in various regions of the world. The report, which identified and described problem areas and provided a specific agenda for congressional action, was presented to the Congress by Register of Copyrights David Ladd at a hearing on September 25.

MONITORING INTELLECTUAL PROPERTY PROTECTION ABROAD

During fiscal 1984 the Register of Copyrights visited Mexico, Canada, Taiwan, Singapore, and the People's Republic of China, where he conferred with local officials on issues related to the protection of intellectual property. In March Mr. Ladd delivered a lecture entitled "Securing the Future of Copyright: A Humanist Endeavor" at the annual meeting of the International Publishers Association in Mexico City, and in April he headed a U.S. trade delegation visiting Taiwan and Singapore, where the progress of measures to curb international piracy was the subject of much discussion. In the People's Republic of China, where he participated in a training program on copyright sponsored by UNESCO, Mr. Ladd found promising progress toward the goal of developing a copyright law in the next five years.

SEMICONDUCTOR CHIP PROTECTION ACT OF 1984

Fiscal 1984 saw the development of protection for a new form of intellectual property—the semiconductor chip. In October Congress gave final approval to the Semiconductor Chip Protection Act of 1984 and sent it to the President for signature. The new act, which becomes part of Title 17 of the United States Code, the title which houses the Copyright Act of 1976, confers an entirely new kind of short-term federal protection to the intricate circuit designs that computer-chip manufacturers spend millions of dollars to develop. Because the new act is to be administered by the Copyright Office, the office devoted much effort this year not only to advising the House and Senate copyright committees on the best form of the act, but also to developing in-house procedures for administering the new law. The new law provides for a ten-year term of protection after mandatory registration with the Copyright Office.

WORKLOAD AND PRODUCTION

Acquisitions and Processing Division

As the office took steps toward improved control over the registration process through installation of an online tracking system dubbed COINS III (Copyright Office In-Process System), the Acquisitions and Processing Division undertook a major reorganization to adapt to the new system. Several units were combined into one, and certain functions were transferred between sections so that assignment of tasks would correspond more closely to the COINS processing sequence. The Examining and Scheduling Unit and Master Index Unit are to be combined into a Data Preparation and Recording Unit that will perform the initial input of information.

The first half of COINS III began operation in February 1984 when a full Receipt in Process record was created for all deposit account claims received. The cash phase of COINS III is to be installed in fiscal 1985.

The Copyright Acquisitions Unit continued to add significantly to the collections of the Library of Congress as new emphasis was placed on works of local history and genealogy, as well as on Hebraic works. The unit monitors works published with a notice of copyright of which two copies by law should be deposited with the Library of Congress. A successful demand for the "Dick Cavett Show" was completed; other cases were referred to the Department of Justice for legal action.

Examining Division

During a year in which the number of annual registrations completed exceeded half a million for the first time in the history of the Copyright Office, the Examining Division continued to seek ways to increase its efficiency while maintaining a high level of quality. Streamlined procedures both for examining and for reporting progress enabled the division to maintain currency in most sections.

A pilot project for the recordation of documents related to copyright was introduced in the Renewals and Documents Section and featured cooperation between the Examining and Cataloging divisions and an effort to experiment with a product-line approach.

The chief of the Examining Division and several staff members took part in the planning for the implementation of the Semiconductor Chip Protection Act of 1984 in the Copyright Office. Examining Division staff members were responsible for procedures, development of an application form, and the drafting of a circular.

The Examining Division office issued final practices and guide letters for works that were published without a copyright notice or with a defective notice more than five years before receipt in the Copyright Office.

Another issue dealt with this year was the problem of confidential treatment for computer programs containing trade secrets. Requests for special relief from other deposit requirements also increased during the year, and requests for special handling reached an all-time high. Three major task groups convened to solve problems related to application forms, examining practices, and staff suggestions. Other staff members served on interdivisional task groups.

The division welcomed Grace Reed, executive officer, as interim division chief from September 1983 to March 1984, and Harriet Oler, formerly senior attorney-adviser on the staff of the general counsel, as chief beginning in March.

Information and Reference Division

Increasing both the quality and quantity of service to the public remained the most important task of the Information and Reference Division in fiscal 1984. The division handled a 34 percent increase in calls to the hotline recorders in the Public Office and an increase of 17 percent in inquiries made about the services of the Certifications and Documents Section, without an increase in personnel. To solve the problem of continually engaged information lines, a contract for a phone system which will include an automatic call distributor with queuing capabilities was awarded near the end of the fiscal year.

New publications issued during the year included *Copyright Registration for Sound Recordings*, *Copyright Registration for Computer Programs*, and *The Copyright Card Catalog and the Online Files of the Copyright Office*. Certificates of copyright registration were also designed and printed, providing an alternative to hand-stamped or photocopied certificates.

The Reference and Bibliography Section created new procedures to respond to the many requests for searches of Copyright Office records, including a "blitz" procedure calculated to complete more basic searches. The Certifications and Documents Section worked out new procedures to deal with the increasing number of "missing elements" cases.

During the year Joan Doherty, assistant chief, served as acting chief until the appointment of Winston Tabb, previously assistant chief of the General Reading Rooms Division, as chief in March 1984. Both the chief and assistant chief served on various task groups and were responsible for coordinating several facets of a major Copyright Office exhibit scheduled to open in December 1984. Implementation of the Semiconductor Chip Protection Act of 1984 and an effort to revise the present application forms were also a concern of the division office.

Records Management Division

During fiscal 1984 the Records Management Division began implementing its retention schedule for deposits by arranging for a reselection by Library of Congress selecting officials of Copyright Office deposits. Collections which were transferred en masse to the Library included sheet music (to the Music Division), early title pages (to the Rare Book and Special Collections Division), videotaped choreography (to the Performing Arts Library), and the last of the Yiddish dramas (to the Hebraic Section). Another major move of deposits during the year involved the transfer of hundreds of boxes of duplicate prints and labels to the National Park Service.

Even with the removal of these deposits and others to the main collections of the Library of Congress, the Deposit Copy Storage Unit grew closer to reaching maximum occupancy of its space as more than 270,000 deposit copies were added to the Deposit Collection during the year.

The microfilming of certain deposits continued apace as the Preservation Section completed the filming of music from 1870 to 1885 and of unpublished lectures. One of the most interesting items in the latter category was the original manuscript of the "I Have A Dream" speech of Martin Luther King, Jr.

The introduction of presealed certificate paper in the registration process improved the efficiency of the Certificate Production Unit and enhanced the quality of its products.

Cataloging Division

It was a year of cooperation for the Cataloging Division—cooperation with AFSCME 2910 in inaugurating a new promotion plan to allow staff members to gain a higher rating after demonstrating skills, and cooperation with other divisions in organizing a Documents Pilot Project to process documents on a product-line basis.

During January and February the automated systems equipment was updated as eighty-four new terminals were tested and installed in the division. Six issues of the *Catalog of Copyright Entries* in microfiche were published and twenty-seven additional issues were prepared for publication.

Licensing Division

Changes in copyright policies regarding compulsory licenses made 1984 a year of challenge for the Licensing Division. To deal with the major rate adjustment put into effect by the Copyright Royalty Tribunal in late 1982 and upheld by the courts in December 1983, the division established a Cable TV Task Force that developed policies, schedules, and forms to handle the increased efforts that the special royalty computations entailed. The division continued to be responsible for the more than $157 million in royalty fees held for copyright owners pending regular distribution by the Copyright Royalty Tribunal. Preparations were made during the year to develop automated accounting and licensing systems.

The Licensing Division also developed an audiovisual presentation on the compulsory license systems to show to public groups such as jukebox owners and cable television system operators. Late in the fiscal year the Librarian of Congress accepted the Amusement and Music Operators Association's donation of a 1948 Rock-Ola vintage jukebox for permanent display in the Licensing Division.

COPYRIGHT OFFICE REGULATIONS

Cable Television

During the fiscal year, several regulations were published pursuant to section 111 of the Copyright Act, which prescribes conditions under which cable systems may obtain a compulsory license to retransmit copyrighted works. Obtaining a compulsory license requires the filing in the Copyright Office of Notices of Identity and Signal Carriage Complement and Statements of Account, as well as submission of royalty fees. During the fiscal year, several regulations were published pursuant to section 111. Initially, on April 2, 1984, the office published a final regulation revising and clarifying certain requirements governing the form and content of Notices of Identity and Signal Carriage Complement and Statements of Account. A later interim regulation followed on April 16, 1984, implementing the Copyright Royalty Tribunal's October 20, 1982, cable rate adjustment. The interim regulation, notifying cable systems of revised forms and procedures and providing guidance to them regarding payment of royalties, was published, with minor changes, as a final regulation on June 29, 1984. On August 20, 1984, the cable regulations were amended to extend from 60 to 120 days, the period following normal filing deadlines during which the Copyright Office would refund overpayments of royalties at the request of cable systems for the accounting period ending June 30, 1984.

Microfilming Documents

By notice published in the *Federal Register* of August 7, 1984, the Copyright Office announced that it had decided, effective July 9, 1984, to discontinue its practice of microfilming documents and any accompanying material, including transmittal letters, upon their receipt in the office. Thereafter, the office would microfilm only recorded documents submitted under section 205 of Title 17, U.S. Code. The policy was changed when the office determined that the former practice was not an effective method of handling these materials. Members of the public had experienced difficulty in using the microfilmed documents, and material unrelated to a recorded document was often microfilmed with the document so that it was not possible to determine what indeed had been recorded. As a result of the change of policy, recorded documents can now be made publicly available on a more timely basis than was previously possible.

Compendium of Copyright Office Practices

On June 4, 1984, the Copyright Office gave the public notice that it intends to issue a new *Compendium of Copyright Office Practices* under the Copyright Act of 1976, designated as *Compendium II*. The public was invited to submit written comments on the proposed new edition of this manual, which is intended primarily for the use of the staff of the Copyright Office as a general guide to its examining and related practices. The first *Compendium* was issued a number of years ago to reflect office practices under the Copyright Act of 1909, as amended.

LEGISLATIVE DEVELOPMENTS

Record Rental

On June 27, 1984, Rep. Don Edwards introduced the Record Rental Amendment of 1984, H.R. 5938, 98th Cong., 2d Sess. (1984), a successor bill to H.R. 1027. In the same Congress the Senate passed similar legislation, S. 32, 98th Cong., 1st Sess. (1983). These bills, which are supported by the Copyright Office, would amend the "first sale" doctrine, codified in 17 U.S.C. section 109(a), so as to require the consent of copyright owners before sound recordings could be commercially rented. The House bill, which has a five-year sunset provision, expressly exempts nonprofit libraries and educational institutions from inclusion and would permit copyright owners of the underlying musical work to share proportionately in the royalties from rentals. The House and Senate versions differ in two significant respects: the Senate version would be a permanent amendment which would apply the criminal provisions of the Copyright Act to violations of the record rental amendment, while the House version is of limited duration and does not provide for criminal penalties for unauthorized rental or lending of copyrighted sound recordings. The Senate version was enacted and signed into law as P.L. 98–450 by President Reagan on October 4, 1984.

Cable and Communications

The second session of the 98th Congress also saw the introduction of two substantially identical bills, H.R. 5878 and H.R. 6164, by Representatives Robert W. Kastenmeier and Jack F. Kemp, respectively, which would amend the provisions of the Copyright Act relating to the Copyright Royalty Tribunal. Specifically, the bills would decrease from five to three the number of members of the tribunal, provide for the appointment to the tribunal of a general counsel and chief economist, and streamline judicial review of tribunal decisions. The bills also contain criteria intended to guide the tribunal in future adjustments of copyright royalty rates for cable television.

Works Made for Hire

Two identical bills were introduced in the 98th Congress to amend the copyright law regarding works made for hire. S. 2138, 98th Cong., 1st Sess. (1983), introduced by Sen. Thad Cochran, and H.R. 5911, 98th Cong., 2d Sess. (1984), sponsored by Rep. Barney Frank, would amend the work made for hire provision of the act by deleting specific categories of works from the list of works subject to work made for hire agreements. Additionally, the term *employee* in the act would be redefined to comply with federal tax withholding laws.

Semiconductor Chips

Semiconductor chips were given intellectual property protection for the first time in the Semiconductor Chip Protection Act of 1984. A Senate bill, S. 1201, 98th Cong., 2d Sess. (1984), would have given chips copyright protection. A House bill, H.R. 5525, 98th Cong., 2d Sess. (1984), by contrast, provided for a sui generis form of protection. A compromise version later passed the Senate as S. 1990 and the House as H.R. 6163; the latter will go to President Reagan for signature. Under this bill, sui generis protection is accorded under the aegis of neither patent nor copyright. However, the act amends Title 17 of the U.S. Code by adding a new Chapter 9, and the Register of Copyrights has been given the responsibility of administering the new act. The act protects the three-dimensional layered circuitry designs of semiconductor chips, known as mask works, against unauthorized duplication for a term of ten years. Protection begins on the date of registration of the mask work or the date of first commercial exploitation, whichever occurs earlier. The protection terminates if an application for registration is not filed within two years after the date of first commercial exploitation. Unauthorized duplication would be permitted solely for the purposes of teaching, analyzing, or evaluating concepts or techniques embodied in the mask work, circuitry, or organization of the components used in the mask work. The act is fully effective upon enactment, but the registration and enforcement mechanisms are held in abeyance for sixty days to allow adequate time for the Copyright Office to prepare to receive applications for registration.

Protecting U.S. Intellectual Property Rights

The Intellectual Property Rights Protection and Fair Trade Act of 1984, S. 2549, 98th Cong., 2d Sess. (1984), and two similar bills introduced in the House—H.R. 5324, 98th Cong., 2d Sess. (1984) and H.R. 5634, 98th Cong., 2d Sess. (1984)—would condition preferred trade status with the United States, under the Trade Act of 1974, on the protection by certain beneficiary developing countries of U.S. patent, copyright, and trademark rights. H.R. 4288 would amend the infringement provisions of the copyright law to provide that no copyright owner otherwise entitled to relief from infringement would be denied relief or deemed guilty of misuse or illegal extension of its copyright unless its conduct violated the antitrust laws. H.R. 6024 would amend the definition of *publication* in the Copyright Act to provide that the presence of a notice of copyright on a work does not in itself constitute publication or public disclosure; this bill would further amend the act to provide for expansive protection of computer software. None of these measures were enacted.

Other Legislative Activities

Sen. Strom Thurmond introduced the National Productivity and Innovation Act of 1983, S. 1841, 98th Cong., 1st Sess. (1983). Dorothy M. Schrader, the general counsel of the Copyright Office, testified before the Senate Judiciary Committee in support of this bill, which would have modified the antitrust laws with respect to the licensing of copyrighted works permitting scrutiny under a rule of reason inquiry. The House introduced a companion bill, H.R. 3878, 98th Cong., 1st Sess. (1983), which differed from the Senate version. The House amendment would have substituted the text of H.R. 5041, 98th Cong., 2d Sess. (1984), for the Senate version. A conference of the two houses resulted in a new version, the National Cooperative Research Act of 1984, signed into law as P.L. 98–462 in the second session of the 98th Congress. The new law provides for similar rule-of-reason analysis for joint research and development ventures, and limits recovery for antitrust violations to actual damages and reasonable attorney's fees if the U.S. Attorney General and Federal Trade Commission are notified of the joint venture. Sen. Charles McC. Mathias, Jr., also introduced the National Commission on the Public Lending of Books Act of 1983, S. 2192, 98th Cong., 1st Sess. (1983), to establish a commission to study the feasibility of compensating authors for the lending of their books by lending institutions.

The Brussels Satellite Convention adherence was reported out of the Senate Foreign Relations Committee on September 25, 1984, and was ratified by the full Senate in the twilight hours of the 98th Congress. The convention obligates a contracting state to "take adequate measures to prevent the distribution on or from its territory of any programme-carrying signal by any distributor for whom the signal emitted to or passing through the satellite is not intended." The choice of method of implementation is left to each state. The state's obligations cease, however, subsequent to the authorized terrestrial distribution of a satellite-derived signal. Moreover, the convention expressly does not apply to signals which "are intended for direct reception from the satellite by the general public."

JUDICIAL DEVELOPMENTS

The Copyright Office is involved in three cases challenging the validity of its regulations with respect to the liability of cable systems for secondary retransmission of primary broadcasts. In late 1983, the Court of Appeals for the District of Columbia, in *National Cable Television*

Association v. Copyright Royalty Tribunal, 724 F.2d 176 (D.C. Cir. 1983), uphold the rate adjustment of the Copyright Royalty Tribunal (CRT) as applied to distant signal carriage and syndicated program exclusivity. The CRT rate adjustments were made under authority of the Copyright Act and resulted from the decision of the Federal Communications Commission (FCC) to deregulate those aspects of cable carriage of distant signals. The court held that the CRT used its expert judgment to devise what it considered fair and reasonable royalty rates to reflect the FCC rule changes. The Copyright Office then issued regulations to implement the changes in royalty rates made by the CRT.

In an action for a declaratory judgment, *National Cable Television, Inc. v. Columbia Pictures Industries, Inc.*, Civ. No. 83-2785 (D.D.C. 1983), the plaintiff asked the court to decide the manner in which royalty payments must be calculated under section 111 of the Copyright Act, in order for the plaintiff to retain its compulsory license to retransmit copyrighted broadcast material owned by the defendants. At issue is the method of calculating the gross receipts on which the cable system must pay royalties for "tiers" of service that are supplied to subscribers in addition to the "basic service." The additional tiers of service may contain nonbroadcast programming, for which the cable system pays a fee, as well as distant broadcast signals which are governed by the compulsory license. The plaintiff believes that cable systems are permitted by the Copyright Act to allocate the subscriber fees for the additional tiers of service between nonbroadcast and distant broadcast signals and that royalties must be paid only on that portion of the fees ascribable to the retransmission of distant broadcast signals. The defendants take the position that all revenues received from any tier in which any broadcast programming appears, should be considered "gross receipts" for broadcast retransmission. The Copyright Office regulations support this position. Defendants also insist that "Form 3" systems, those with semiannual "gross receipts" in excess of $214,000, should be required to pay a royalty calculated as though all customers elected to subscribe to all optional tiers of service containing one or more broadcast signals, even though not all subscribers to the lowest tier subscribe to the optional tiers. In April the defendants' motion to dismiss was denied, and the court ordered plaintiff to join the Copyright Office as a defendant in the action since its regulations address the tiering issue. The Copyright Office has filed a motion for summary judgment with a supporting brief. In a parallel case, *Cablevision Systems Development v. Motion Picture Association of America, Inc.*, Civ. No. 83-1655 (D.D.C. 1983), plaintiff seeks a declaratory judgment that it is correct in its interpretation that section 111 of the Copyright Act requires the payment of royalties based only on the revenues received from its "basic service" tier to which all its customers must subscribe if they are to receive any cable service. The defendants' position is similar to that of the defendants in the NCTA case. The Copyright Office has also been made a party defendant in this case. Suit was brought against the Register of Copyrights in *Cox Cable Tucson, Inc. v. David Ladd*, Civ. No. 84-534 (D.C. Ariz. 1984), for review of the Copyright Office final regulation issued on June 29, 1984 (49 Fed. Reg. 26722). The regulation was issued to implement a rate adjustment authorized by the Copyright Royalty Tribunal as a result of the FCC's partial deregulation of the cable industry. Plaintiff objected to one particular aspect of the regulations, i.e., the circumstances under which it is permissible to add a new television signal as a replacement for a "grandfathered signal" (a distant signal that a cable system was authorized to carry under the rules of the FCC before March 31, 1972, which was in excess of the distant signal complement authorized by the 1972 regulations). The Copyright Office regulations provide that the substituted signal would be considered a "newly added signal" and be subject to the new 3.75 percent rate established by the tribunal for such signals. Plaintiff believes that like signals substituted for "grandfathered signals" should not be treated as "newly added signals" since no change in the number or kind of signal carriage results. At year's end, the Copyright Office had replied to the complaint and submitted interrogatories to the plaintiff.

During the fiscal year the Copyright Office entered several cases under the authority of section 411(a) of the Copyright Act, which permits the Register of Copyrights to become a party in an infringement action involving a work which was refused registration. *Brandir International, Inc. v. Columbia Cascade Timber Co.*, Civ. No. 84–1411 (S.D.N.Y.), was one such case in which the works involved were actually bicycle racks that had been submitted for registration under the title "Ribbon Sculpture." Earlier in the year the court heard arguments on the defendant's motion for a change in venue, but the year ended without any ruling on the motion. Likewise, the Copyright Office has entered *Duffey-Moses Design v. Sunset Productions, Inc. et al.*, Civ. No. 83–5365 ER (C.D. Cal.), to explain to the court its refusal to register a claim to copyright in a de minimis logo for a television magazine. The Copyright Office motion for summary judgment was denied without prejudice, and the plaintiff has filed an amended complaint. In all probability, the Copyright Office will renew its motion for summary judgment early next year. The third case in this category in which the Copyright Office is involved is *Designpoint Industries, Ltd. v. Bolivar Arellano Trading Corp.*, 83 Civ. 9132 (CLB) (S.D.N.Y.). The work, in this instance, consists of the words "Puerto Rico" with two curved lines beneath them printed on a "muscle" shirt. This case went to trial and after hearing Copyright Office testimony the judge held the design not copyrightable and dismissed the copyright issue.

In a suit brought against the Copyright Office, *United Christian Scientists v. David Ladd*, Civ. No. 83–3486 (D.D.C. 1984), the plaintiff sought a declaratory judgment to declare unconstitutional a private law that grants copyright to the trustees under the will of Mary Baker Eddy in various editions of the work *Science and Health with Key to the Scriptures* by Mary Baker Eddy. *Science and Health* is the text used for the study, teaching, and practice of Christian Science. The plaintiffs allege that the private law violates the Copyright Clause, the Fifth Amendment, and the First Amendment of the Constitution, and that *Science and Health* is "inherently uncopyrightable" since it embodies the teachings and faith of Christian Science. The Copyright Office filed a motion to dismiss on the grounds that the complaint failed to state a claim for which relief can be granted, fails to join a party required by federal rules to be joined, namely the copyright proprietor, and does not allege a case or controversy with defendant David Ladd, Register of Copyrights. The motion to dismiss as to defendant David Ladd was granted.

As the fiscal year ended *The Authors League of America, Inc. v. David Ladd*, 82 Civ. 5731 (S.D.N.Y. Aug. 30, 1982) was still in the preliminary stage of discovery. The suit was brought by the plaintiff, questioning the constitutionality, under the First and Fifth Amendments of the U.S. Constitution, of the "manufacturing clause" of the copyright law. The provision in question prohibits, with certain exceptions, the importation into and public distribution in the United States of copies of any work consisting preponderantly of copyrighted nondramatic literary material in the English language authored by nationals or domiciliaries of the United States, if the copies are manufactured in any country other than the United States or Canada. The plaintiff alleges that this prohibition violates the First Amendment by restricting the importation and distribution of First Amendment protected literary works and that it violates the Fifth Amendment by imposing a discriminatory prohibition on importation and distribution of a restricted class of works.

In *David Ladd v. Law & Technology Press*, Civ. No. 83–6855 TJH (C.D. Cal.), the Register of Copyrights brought suit to enforce the deposit requirements of section 407 of the Copyright Act. That section requires, unless excused by Copyright Office regulation, the deposit for use of the Library of Congress of copies of works published with notice of copyright in the United States. The works in question are technical journals. Judgment was entered in favor of the Register, and the defendant has filed a notice of appeal. Defendant's position has been that section 407 violates the First Amendment right of free speech by imposing a deposit requirement for the enjoyment of copyright in the work and that section 407 has been enforced in a discriminatory manner.

The Copyright Office became involved in *American Express Credit Corp. v. XRT, Inc.*, Civ. No. 83–5603 (E.D. Pa.), when the defendant secured a temporary restraining order which required the office to refuse access to deposits submitted for registration of the claims that were being litigated between the parties. The deposits allegedly contained trade secret material. The parties, including the Copyright Office, reached a settlement which resulted in cancellation of the registrations in question and return of the deposit copies to the defendant.

An omission of the copyright notice was held to be curable in *Innovative Concepts in Entertainment, Inc. v. Entertainment Enterprises, Ltd.*, 576 F. Supp. 457 (E.D.N.Y. 1983). In this case the plaintiff omitted notice of copyright on its coin-operated miniature hockey game because its legal counsel did not advise it of the availability of copyright protection. Plaintiff did not become aware of the possibility of copyright protection until it consulted other counsel after the first publication without notice had occurred. Notice was then added and copyright registrations were made. The court said it was not aware of any cases deciding the issue of an omission of notice resulting entirely from a mistake of law. The court said such an omission is "deliberate" and cited the legislative history of section 405(a)(2) of the Copyright Act of 1976 for the proposition that a work published without copyright notice will still be protected for at least five years, whether the omission was partial or total, deliberate or unintentional. It said that the allowance in section 405(a)(2) of a period as lengthy as five years in which to cure an omission suggests that Congress wished to be solicitous of the actual intent of the author. *Sherry Manufacturing Co. Inc. v. Towel King of Florida, Inc.*, 220 U.S.P.Q. 855 (S.D. Fla. 1983), also involved the issue of omission of the copyright notice, but there the court held that pictures of designs printed on towels depicted in a catalog did not constitute a publication of the designs and, therefore, need not contain notices of copyright to preserve the copyright. The court did not elaborate on this conclusion. It said further that in any event plaintiff added notices to its catalog after discovery of its omission, and that hence the notice was valid in any case.

A district court denied copyright protection to a telephone company's white-page directory in *Hutchinson Telephone Company v. Fronteer Directory Company of Minnesota, Inc.*, 586 F.Supp. 911 (D. Minn. 1984). The court said that, in general, white page listings meet the requirements of the Copyright Act and are protectible by copyright. It stated, however, that under the facts in this case, protection is not warranted. The court observed that the copyright law was enacted to encourage works of the intellect and to secure the general benefits which inure to the public through the author's labors, and that in the present case the plaintiff's publication of its white pages is a requisite condition to the operation of its state-guaranteed monopoly. The court said it is guided by the purposes of the law, and must consider these purposes in determining whether a particular work is copyrightable and that, because the plaintiff is required by law to publish its white pages, allowing copyright protection would only extend the benefit of plaintiff's monopoly and would not serve any purpose of the Copyright Act; as a result, the court felt compelled to conclude that plaintiff's white pages do not constitute an original work of authorship within the meaning of the act. In another interesting decision, the copyrightability of maps submitted to the Interstate Commerce Commission as part of the filing of statutorily mandated tariff schedules was upheld in *Rand McNally v. Fleet Management Systems*, CCH Copr. L. Rptr. 25,624 (N.D. Ill. Dec. 31, 1983); the defendant argued to no avail that since carriers and shippers are expected to know the contents of the filed tariffs they have the force of law, and that consequently they are similar to a statute or judicial opinion, both of which are uncopyrightable. The Court of Appeals for the Fifth Circuit found fault with the district court's analysis in *Apple Barrel Productions, Inc. v. Beard*, 730 F.2d 384 (5th Cir.

1984), where the plaintiff claimed copyright in its original expression of the idea for a country music show performed by children. The plaintiff applied for copyright registration in the work as a whole, not in its component parts. The district court, however, did not view the show as a whole but divided it into its component parts of script, design, and format and concluded that since the parts were not separately copyrightable the show in its entirety was not subject to copyright protection. On appeal the court disagreed with this analysis and held that despite the fact that the individual parts of the show were not copyrightable in themselves, the work was protectible as a compilation. Copyrightability was also the issue in *Lone Ranger Television, Inc. v. Program Radio Corporation*, CCH Copr. L. Rptr. 25,691 (9th Cir. July 26, 1984), where the court found that the defendant's duplicating, remixing, and distribution of plaintiff's uncopyrighted tapes constitutes the making of a derivative work based on the underlying copyrighted scripts. Plaintiff's tapes were created before the 1972 phonorecord amendment and were therefore not protected by federal statutory copyright. However, the scripts on which plaintiff's tapes were based were all copyrighted. The court found that defendant's activity resulted in new derivative works based on the copyrighted scripts in the same manner as if the defendant had worked from the scripts. Copyrightability of a computer operating program was the issue in *Apple Computer, Inc. v. Formula International, Inc.*, 725 F. 2d 521 (9th Cir. 1984). The district court had held that copyright protects computer programs of all types, whether they are operating programs or application programs. The defendant argued on appeal that operating programs, because they control the internal operation of the computer, were only "ideas" or "processes" and therefore not copyrightable. The Court of Appeals said that the legislative history reveals that defendant's arguments were considered and rejected by Congress when copyright protection was extended to computer programs. The 1975 *Final Report of the National Commission on New Technological Uses of Copyrighted Works* (the CONTU Report) stated that there should be no distinction between programs which are used in the production of further copyrighted works and those which are not. The Congress enacted CONTU's recommendations in amending the Copyright Act in 1980 to include computer programs explicitly.

The right to exercise control over the work was emphasized as a key element in finding a "work for hire" relationship in a number of cases. The Court of Appeals for the Second Circuit in *Aldon Accessories Ltd. v. Spiegel, Inc.*, 738 F.2d 548 (2d Cir. 1984), upheld the instructions given to the jury in the district court that "within the scope of employment," in the present Copyright Act, means a person acting under the direction and supervision of the hiring author, at the hiring author's instance and expense. The instruction said that it does not matter whether the "for hire" creator is an employee in the sense of having a regular job with the hiring author. What matters is whether the hiring author caused the work to be made and exercised the right to direct and supervise the creation. In *Schmid Brothers, Inc. v. W. Goebel Porzellanfabrik K.G.*, CCH Copr. L. Rptr. 25,687 (E.D.N.Y. June 20, 1984) the issue was whether Sister Berta Hummel created certain artistic works as an "employee for hire" of her convent. The court said that the essential factor determining whether a work is made by an "employee for hire" is whether the employer had the right to direct and supervise the actual performance of the work. It said further that even if her relationship to the convent was one of employee and employer for some purposes, her contributions to the figurines in question were not made as an employee for hire since she had full artistic control over the works which bore her name. In a replevin action to recover possession of photographic negatives made at plaintiff's request at her home, an Illinois state court in *Sykes v. Roulo*, 461 N.E. 2d 480 (Ill. App. Ct. 1984), had to decide if the photographs were works made for hire. It said that the crucial question is whether the plaintiff had the right to control the work even if she did not exercise it. The court noted that the evidence showed that the plaintiff did exercise control over the manner in which the photographs were made and that the inference was that the photographs were produced by the defendant in the capacity of an employee for hire. In *Arthur Retlaw & Associates, Inc. v. Travenol Laboratories, Inc.*, 582 F.Supp. 1010 (N.D. Ill. 1984), the plaintiff published a newsletter on behalf of defendant. The court said that there is a presumption that the copyright belongs to the person at whose instance and expense the work was done and that this presumption can only be rebutted by an express "contractual reservation to the contrary." Plaintiff claimed there was an "understanding" that it was to own the copyright. The court said that an "understanding" does not satisfy the requirement of the law that the parties must expressly agree to the ownership in a written instrument.

In seemingly similar circumstances, the courts reached different conclusions on the need to record a document regarding a transfer of copyrights before suit can be brought. In *Northern Songs, Ltd. v. Distinguished Productions, Inc.*, 581 F. Supp. 638 (S.D.N.Y. 1984), defendant sought dismissal of the infringement action against it, contending that plaintiff had failed to comply with the recordation requirements for transfers under the Copyright Act in that the recorded documents did not contain the name of the songs involved in the suit. The court ruled for the plaintiff, stating that the import of the recordation requirements of the law is to provide record notice of transfers before suit is brought. The court said further that the effectiveness of transfer documents is not related to the question of notice and that in the present case the defendant had actual notice of the transfers and the alleged failure to receive constructive notice under the act cannot constitute a bar to an infringement suit. In *Patch Factory, Inc. v. Broder*, 586 F. Supp. 132 (N.D.Ga. 1984), the defendant asked for dismissal of the action because plaintiff had not alleged recordation of the copyright transfer document by which it acquired the copyright. The court said that section 205(d) of the Copyright Act explicitly mandates recordation of the transfer of rights in a copyright as a prerequisite for filing suit where such transfer is the basis of the suit. The court refused to permit a supplemental pleading alleging submission of the document to the Copyright Office, reasoning that receipt of a transfer document in the Copyright Office does not mean the document is automatically accepted for recordation. The case was dismissed for lack of subject matter jurisdiction. In *Meta-Film Associates, Inc. v. MCA, Inc.*, 586 F. Supp. 1346 (C.D. Ca. 1984), the court said that the literal language of section 205(d) of the Copyright Act suggests that recordation is a condition precedent to instituting of a suit, but that the courts have not strictly construed the filing requirements of the act. The court stated that subsequent recordation will be allowed to relate back, so that the assignee acquires a right to sue as of the date of the filing of the action. In a New York state court case, *Myers v. Waverly Fabrics*, CCH Copr. L. Rptr. 25,684 (Sup. Ct. N.Y. May 22, 1984), the court ruled that while a nonexclusive license permitting defendant to reproduce plaintiff's design was not required to be in writing under the Copyright Act since it did not constitute a transfer of ownership, the nonexclusive license in this case was required to be in writing under the New York Statute of Frauds since, by its terms, it could not be performed within one year of its making. The complaint was dismissed.

The much-publicized Supreme Court decision in *Sony Corporation of America v. Universal City Studios, Inc.*, 104 S.Ct. 774 (1984), was rendered during the fiscal year. The case involved the off-air home videotaping for private use of television programs, many of which were copyrighted. The copyright proprietor had brought suit against the manufacturers, distributors, and retail vendors of videocassette recorders used to tape the works off the air. The district court held for the defendants, and the Court of Appeals for the Ninth Circuit reversed by holding that Congress did not intend to create a blanket exemption for home videorecording, as was done for home sound recording, and that home videorecording was not a fair use. It held further that the corporate defendants were guilty of contributory infringement on the ground that home videotape recorders are manufactured, advertised, and sold for the primary purpose of reproducing television programming, virtually all of which is copyrighted. The Supreme Court reversed in a five-to-four decision, holding that the sale of videocassette recorders to the general public does not constitute contributory infringement of the copyrights in the broadcast material. The record below had shown that the predominant use of home videocassette recorders was for time shifting. The Court said that the sale of copying equipment, like the sale of other articles of commerce, does not constitute contributory infringement if the product is widely used for legitimate, unobjectionable purposes. The Court also indicated that the time shifting was fair use.

In another case involving alleged noninfringing use, *Atari v. JS&A Group*, CCH Copr. L. Rptr. 25,613 (N.D. Ill. Dec. 6, 1983), the defendant was charged with contributory copyright infringement because of its sale of a device called Prom Blaster. The purpose of the device was to make duplicate copies of computer programs used in video games. The device could copy plaintiff's games among others. The defendant argued that copying the video games is legal and that, even if it is not, the court may not enjoin the sale of the Prom Blaster because it has other uses that are lawful. As to the second defense the court said that Prom Blaster can perform only two functions, to copy other's video games or duplicate the plaintiff's games. The court said that the test is not whether the Prom Blaster has some noninfringing use, but whether it has a substantial noninfringing use. The court found that it did not. The court further found that the purpose of section 117 of the Copyright Act, which permits the owner of a computer program to make an additional copy for archival purposes, is to protect the use of a computer program against the risk of destruction or damage by mechanical or electrical failure. The court ruled that the defendant failed to bring itself within the section 117 exception, since it did not show that the programs intended to be duplicated by the Prom Blaster were susceptible to destruction through mechanical or electrical failure when used in the video games.

In *Consumers Union of United States, Inc. v. General Signal Corp.*, 724 F.2d 1044 (2d Cir. 1983), the defendant used verbatim language in its television advertisements that was from plaintiff's copyrighted publication. The defendant's advertisements stated that its Regina vacuum cleaners were found by Consumers Union to be the highest rated of their kind. Consumers Union sought injunctive relief to prevent such use on the grounds of copyright infringement. The district court granted an injunction which was later vacated by the Court of Appeals for the Second Circuit, which found the defendant's use to be a fair use. The court said that in some cases an advertiser may copy some excerpts from a copyrighted work to advance his commercial interests as long as the purpose is to report factual information and that since *Consumer Reports* is "primarily informational rather than creative," the scope of permissible use is greater. The court said that the defendant used Consumers Union's exact words in the interest of accuracy, not piracy, and that use of the exact words may be the only valid way to precisely report the evaluation. Fair use in news reporting was the issue in *Diamond v. Am-Law Publishing Corp.*, CCH Copr. L. Rptr. 25,627 (S.D.N.Y. Jan. 4, 1984). The plaintiff, an attorney, wrote a letter to the defendant taking issue with an article which appeared in defendant's magazine. The defendant published an excerpt of the letter in its magazine, disregarding the plaintiff's instruction that the letter could only be printed in full. The court found that the defendant's use of the letter was legitimate news reporting relating to the type of news featured in the magazine and that the plaintiff had no right to impose the condition that only the entire letter could be printed. Fair use in news reporting was also an issue in *Guccione and Penthouse International, Ltd. v. Flynt*, CCH Copr. L. Rptr. 25,669 (S.D.N.Y. June 1, 1984), where the defendant published plaintiff's copyrighted photograph as an illustration in an article claiming that the plaintiff had frequently been photographed with nude models. The court found that the unauthorized publication of a single photograph was not a taking of a substantial part of plaintiff's published work which consists of a large number of photographs, and that there was no showing that the defendant's use affected the market value of plaintiff's magazine, where the photograph originally appeared. In a trial on the merits in *Financial Information v. Moody's*, CCH Copr. L. Rptr. 25,617 (S.D.N.Y. Jan. 10, 1984), the court concluded that the defendant's use of plaintiff's collected data was a fair use. The plaintiff collects and publishes daily information regarding the redemption of bonds. At the end of the year all of the daily information is gathered and published in a single work. The court held that both the daily and yearly compilations were copyrightable. The court found that the defendant uses the plaintiff's published data as one of its sources in creating its own reports. Also, the court stated that the facts on the plaintiff's individual cards are in the public domain, and that the plaintiff's compilations, which were the basis of the copyright claims, were not copied. In *City Consumer Services, Inc. v. Horne*, 100 F.R.D. 740 (D. Utah, Dec. 21, 1983), the plaintiff sought to prevent defendant from obtaining its records by discovery by claiming copyright in its compilation of the records. The court said it appeared that plaintiff's compilation of records is worthy of protection under the copyright law, but the court ruled that the defendant's examination of such work is a fair use. In *WPOW, Inc. v. MRLJ Enterprises*, 584 F. Supp. 132 (D.D.C. 1984), the court found defendant's copying of site specifications submitted by plaintiff to the Federal Communications Commission as part of an application for a license to construct a radio transmitting facility was not a fair use. Although the defendant had argued that construction specifications for a specific site would necessarily have to be similar, the court found that a number of different engineering solutions could be proposed for that site and that plaintiff's report was protectible as an original expression of its idea. The court said the FCC rules, which may encourage competing applications to be similar, cannot affect the protection afforded by the Copyright Act to an engineering firm's original work product.

In a case involving an interpretation of the termination of transfers provision of the copyright law, *Harry Fox Agency, Inc. v. Mills Music, Inc.*, 720 F.2d 733 (2d Cir. 1983), the author's heirs terminated their license with Mills Music pursuant to section 304(c)(6) of the statute. Mills had licensed recording rights to a record producer, and the question was whether Mills has any right to the royalties earned by the derivative recording after Mills's license had been terminated. The court held that the derivative works exception goes only to the maker of the derivative work, namely the record producer, and that the benefit from the continued use of the license goes only to the author's heirs. During the fiscal year, certiorari was granted by the Supreme Court, with oral argument scheduled early in the next term of the Court.

The Court of Appeals for the Second Circuit handed down an important decision with respect to the activities of performing rights societies when it found in *Buffalo Broadcasting Company, Inc. v. American Society of Composers, Authors and Publishers*, CCH Copr. L. Rptr. 25,710 (Sept. 18, 1984), that the plaintiff, an independent television station, did not present evidence to sustain a conclusion that the blanket licensing to perform copyrighted music involved in this case is an unlawful restraint of trade. Several years before the court had reached the same conclusion in regard to network stations in *Columbia Broadcasting System, Inc. v. American Society of Composers, Authors and Publishers*, 620 F.2d 930 (2d Cir. 1980), *cert. denied*, 450 U.S. 970 (1981).

INTERNATIONAL FOCUS

The Copyright Office continued to be concerned with issues that were international in impact. Early in the fiscal year Assistant Register of Copyrights Anthony Harrison traveled to Geneva to represent the United States at a meeting of a panel of the General Agreements on Tariffs and Trade (GATT). The issue before the panel was the extension in the United States of a manufacturing clause in the copyright law, an extension which several nations of the European Economic Community claimed was illegal.

In September 1983 a forum on public lending rights was held in the Whittall Pavilion. Copyright Office General Counsel Dorothy Schrader was one of the speakers at the forum, which included a number of international guests. The forum listened to discussions of the public lending rights laws that already exist in ten countries.

In November 1983 the Copyright Office held a preliminary conference for visitors from more than a dozen countries attending meetings of the Intergovernmental Copyright and Berne Convention executive committees. The purpose of the preliminary conference was threefold: to allow a more leisurely exchange of views on current copyright issues before the more formal international meetings, to acquaint participants with significant legislative and policy initiatives within the United States, and to enable U.S. copyright specialists to learn of important new developments in Europe. The guests included representatives of the Federal Republic of Germany; the Patent Office in London, England; the Ministry of Justice of Austria; the Embassy of Australia; the Swiss Federal Intellectual Property Office; and Canada, France, and the United States. Issues discussed included off-air taping, computer software, piracy, and the Brussels Satellite Convention.

In March 1984 Register Ladd delivered a lecture entitled "Securing the Future of Copyright: A Humanist Endeavor" at the annual meeting of the International Publishers Association held in Mexico City.

In April 1984 Register of Copyrights David Ladd led a copyright delegation to Taiwan and Singapore to discuss the problems of copyright piracy with authorities in both states. Accompanying him were Lewis Flacks, policy planning adviser, and representatives from the Departments of Commerce and State, from the Office of the U.S. Trade Representative, and from the private sector. Mr. Ladd reported that the meetings had had positive results and that he had found reason to hope that both Taiwan and Singapore were "taking a good step forward" toward the development of stronger systems of copyright.

The origins and importance of international copyright law were the focus of a symposium held in the Copyright Office in June 1984. Guest speakers included Dr. Gyorgy Boytha, director of the Copyright Law Division of the World Intellectual Property Organization, Copyright Office staff, and various representatives of other governmental departments, as well as private attorneys.

After visiting the People's Republic of China in July to attend a copyright training seminar in Shanghai, Mr. Ladd predicted that the Chinese would develop a national copyright statute within three to five years. Speaking before the American Bar Association in Chicago in August, he commented that the Chinese clearly intend to develop a copyright statute that will fulfill the purposes of the bilateral Agreement on Trade Relations of 1979 and the Trade Act of 1974.

Important progress toward worldwide cooperation in the international protection of copyrighted programming carried by satellites was taken in late 1984 as the United States Senate worked toward ratification of the Convention Relating to Distribution of Programme-Carrying Signals Transmitted by Satellite, also known as the Brussels Satellite Convention. As unauthorized reception and distribution of television signals has become more widespread, interest in this convention, developed in 1974 and consisting of nine member states, has increased. The convention obligates contracting states to take adequate measures to prevent unauthorized distribution of programming carried by satellite on their territories.

In September 1984 the Register of Copyrights delivered to the United States Senate a major report entitled "To Secure Intellectual Property Rights in Foreign Markets." The report, which addressed the question of how the United States could protect the intellectual property interests of its nationals in foreign countries, had been solicited by Senator Patrick J. Leahy, a member of the Senate Subcommittee on Patents, Copyrights, and Trademarks, and by Congressman Michael Barnes, Chairman of the House Subcommittee on Western Hemisphere Affairs of the Committee on Foreign Affairs. The 169-page report dealt with the piracy of American works, including books, sound recordings, and motion pictures, in various regions of the world; the problems of fostering adoption of copyright laws throughout the world to accommodate new technologies for use of copyrighted works; and the avenues to those ends, both in unilateral action on the part of the United States and by international organizations dealing with copyright.

Respectfully submitted,

DAVID LADD
Register of Copyrights and
Assistant Librarian of Congress
for Copyright Services

International Copyright Relations of the United States as of September 30, 1984

This table sets forth U.S. copyright relations of current interest with the other independent nations of the world. Each entry gives country name (and alternate name) and a statement of copyright relations. The following code is used:

Bilateral	Bilateral copyright relations with the United States by virtue of a proclamation or treaty, as of the date given. Where there is more than one proclamation or treaty, only the date of the first one is given.
BAC	Party to the Buenos Aires Convention of 1910, as of the date given. U.S. ratification deposited with the government of Argentina, May 1, 1911; proclaimed by the President of the United States, July 13, 1914.
UCC Geneva	Party to the Universal Copyright Convention, Geneva, 1952, as of the date given. The effective date for the United States was September 16, 1955.
UCC Paris	Party to the Universal Copyright Convention as revised at Paris, 1971, as of the date given. The effective date for the United States was July 10, 1974.
Phonogram	Party to the Convention for the Protection of Producers of Phonograms against Unauthorized Duplication of Their Phonograms, Geneva, 1971, as of the date given. The effective date for the United States was March 10, 1974.
Unclear	Became independent since 1943. Has not established copyright relations with the United States, but may be honoring obligations incurred under former political status.
None	No copyright relations with the United States.

Afghanistan
None

Albania
None

Algeria
UCC Geneva Aug. 28, 1973
UCC Paris July 10, 1974

Andorra
UCC Geneva Sept. 16, 1955

Angola
Unclear

Antigua Barbuda
Unclear

Argentina
Bilateral Aug. 23, 1934
BAC April 19, 1950
UCC Geneva Feb. 13, 1958
Phonogram June 30, 1973

Australia
Bilateral Mar. 15, 1918
UCC Geneva May 1, 1969
UCC Paris Feb. 28, 1978
Phonogram June 22, 1974

Austria
Bilateral Sept. 20, 1907
UCC Geneva July 2, 1957
Phonogram Aug. 21, 1982

Bahamas, The
UCC Geneva July 10, 1973
UCC Paris Dec. 27, 1976

Bahrain
None

Bangladesh
UCC Geneva Aug. 5, 1975
UCC Paris Aug. 5, 1975

Barbados
UCC Geneva June 18, 1983
UCC Paris June 18, 1983
Phonogram July 29, 1983

Belau
Unclear

Belgium
Bilateral July 1, 1891
UCC Geneva Aug. 31, 1960

Belize
UCC Geneva Sept. 21, 1981 [1]

Benin
(formerly Dahomey)
Unclear

Bhutan
None

Bolivia
BAC May 15, 1914

Botswana
Unclear

Brazil
Bilateral Apr. 2, 1957
BAC Aug. 31, 1915
UCC Geneva Jan. 13, 1960
UCC Paris Dec. 11, 1975
Phonogram Nov. 28, 1975

Brunei
Unclear

Bulgaria
UCC Geneva June 7, 1975
UCC Paris June 7, 1975

Burkina Faso
(formerly Upper Volta)
Unclear

Burma
Unclear

Burundi
Unclear

Cambodia
(See entry under Kampuchea)

Cameroon
UCC Geneva May 1, 1973
UCC Paris July 10, 1974

Canada
Bilateral Jan. 1, 1924
UCC Geneva Aug. 10, 1962

Cape Verde
Unclear

Central African Republic
Unclear

Chad
Unclear

Chile
Bilateral May 25, 1896
BAC June 14, 1955
UCC Geneva Sept. 16, 1955
Phonogram March 24, 1977

China
Bilateral Jan. 13, 1904

Colombia
BAC Dec. 23, 1936
UCC Geneva June 18, 1976
UCC Paris June 18, 1976

Comoros
Unclear

Congo
Unclear

Costa Rica[2]
Bilateral Oct. 19, 1899
BAC Nov. 30, 1916
UCC Geneva Sept. 16, 1955
UCC Paris Mar. 7, 1980
Phonogram June 17, 1982

Cuba
Bilateral Nov. 17, 1903
UCC Geneva June 18, 1957

Cyprus
Unclear

Czechoslovakia
Bilateral Mar. 1, 1927
UCC Geneva Jan. 6, 1960
UCC Paris Apr. 17, 1980

Denmark
Bilateral May 8, 1893
UCC Geneva Feb. 9, 1962
Phonogram Mar. 24, 1977
UCC Paris July 11, 1979

Djibouti
Unclear

Dominica
Unclear

Dominican Republic[2]
BAC Oct. 31, 1912
UCC Geneva May 8, 1983
UCC Paris May 8, 1983

Ecuador
BAC Aug. 31, 1914
UCC Geneva June 5, 1957
Phonogram Sept. 14, 1974

Egypt
Phonogram Apr. 23, 1978
For works other than sound recordings, none

El Salvador
Bilateral June 30, 1908, by virtue of Mexico City Convention, 1902
UCC Geneva Mar. 29, 1979
UCC Paris Mar. 29, 1979
Phonogram Feb. 9, 1979

Equatorial Guinea
Unclear

Ethiopia
None

Fiji
UCC Geneva Oct. 10, 1970
Phonogram Apr. 18, 1973

Finland
Bilateral Jan. 1, 1929
UCC Geneva Apr. 16, 1963
Phonogram Apr. 18, 1973

France
Bilateral July 1, 1891
UCC Geneva Jan. 14, 1956
UCC Paris July 10, 1974
Phonogram Apr. 18, 1973

Gabon
Unclear

Gambia, The
Unclear

Germany
Bilateral Apr. 15, 1892
UCC Geneva with Federal Republic of Germany Sept. 16, 1955
UCC Paris with Federal Republic of Germany July 10, 1974
Phonogram with Federal Republic of Germany May 18, 1974
UCC Geneva with German Democratic Republic Oct. 5, 1973
UCC Paris with German Democratic Republic Dec. 10, 1980

Ghana
UCC Geneva Aug. 22, 1962

Greece
Bilateral Mar. 1, 1932
UCC Geneva Aug. 24, 1963

Grenada
Unclear

Guatemala[2]
BAC Mar. 28, 1913
UCC Geneva Oct. 28, 1964
Phonogram Feb. 1, 1977

Guinea
UCC Geneva Nov. 13, 1981
UCC Paris Nov. 13, 1981

Guinea-Bissau
Unclear

Guyana
Unclear

Haiti
BAC Nov. 27, 1919
UCC Geneva Sept. 16, 1955

Honduras[2]
BAC Apr. 27, 1914

Hungary
Bilateral Oct. 16, 1912
UCC Geneva Jan. 23, 1971
UCC Paris July 10, 1974
Phonogram May 28, 1975

Iceland
UCC Geneva Dec. 18, 1956

India
Bilateral Aug. 15, 1947
UCC Geneva Jan. 21, 1958
Phonogram Feb. 12, 1975

Indonesia
Unclear

Iran
None

Iraq
None

Ireland
Bilateral Oct. 1, 1929
UCC Geneva Jan. 20, 1959

Israel
Bilateral May 15, 1948
UCC Geneva Sept. 16, 1955
Phonogram May 1, 1978

Italy
Bilateral Oct. 31, 1892
UCC Geneva Jan. 24, 1957
Phonogram Mar. 24, 1977
UCC Paris Jan. 25, 1980

Ivory Coast
Unclear

Jamaica
None

Japan[3]
UCC Geneva Apr. 28, 1956
UCC Paris Oct. 21, 1977
Phonogram Oct. 14, 1978

Jordan
Unclear

Kampuchea
UCC Geneva Sept. 16, 1955

Kenya
UCC Geneva Sept. 7, 1966
UCC Paris July 10, 1974
Phonogram Apr. 21, 1976

Kiribati
Unclear

Korea
Unclear

Kuwait
Unclear

Laos
UCC Geneva Sept. 16, 1955

Lebanon
UCC Geneva Oct. 17, 1959

Lesotho
Unclear

Liberia
UCC Geneva July 27, 1956

Libya
Unclear

Liechtenstein
UCC Geneva Jan. 22, 1959

Luxembourg
Bilateral June 29, 1910
UCC Geneva Oct. 15, 1955
Phonogram Mar. 8, 1976

Madagascar
(Malagasy Republic)
Unclear

Malawi
UCC Geneva Oct. 26, 1965

Malaysia
Unclear

Maldives
Unclear

Mali
Unclear

Malta
UCC Geneva Nov. 19, 1968

Mauritania
Unclear

Mauritius
UCC Geneva Mar. 12, 1968

Mexico
Bilateral Feb. 27, 1896
BAC Apr. 24, 1964
UCC Geneva May 12, 1957
UCC Paris Oct. 31, 1975
Phonogram Dec. 21, 1973

Monaco
Bilateral Oct. 15, 1952
UCC Geneva Sept. 16, 1955
UCC Paris Dec. 13, 1974
Phonogram Dec. 2, 1974

Mongolia
None

Morocco
UCC Geneva May 8, 1972
UCC Paris Jan. 28, 1976

Mozambique
Unclear

Nauru
Unclear

Nepal
None

Netherlands
Bilateral Nov. 20, 1899
UCC Geneva June 22, 1967

New Zealand
Bilateral Dec. 1, 1916
UCC Geneva Sept. 11, 1964
Phonogram Aug. 13, 1976

Nicaragua[2]
BAC Dec. 15, 1913
UCC Geneva Aug. 16, 1961

Niger
Unclear

Nigeria
UCC Geneva Feb. 14, 1962

Norway
Bilateral July 1, 1905
UCC Geneva Jan. 23, 1963
UCC Paris Aug. 7, 1974
Phonogram Aug. 1, 1978

Oman
None

Pakistan
UCC Geneva Sept. 16, 1955

Panama
BAC Nov. 25, 1913
UCC Geneva Oct. 17, 1962
UCC Paris Sept. 3, 1980
Phonogram June 29, 1974

Papua New Guinea
Unclear

Paraguay
BAC Sept. 20, 1917
UCC Geneva Mar. 11, 1962
Phonogram Feb. 13, 1979

Peru
BAC Apr. 30, 1920
UCC Geneva Oct. 16, 1963

Philippines
Bilateral Oct. 21, 1948
UCC status undetermined by Unesco. (Copyright Office considers that UCC relations do not exist.)

Poland
Bilateral Feb. 16, 1927
UCC Geneva Mar. 9, 1977
UCC Paris Mar. 9, 1977

Portugal
Bilateral July 20, 1893
UCC Geneva Dec. 25, 1956
UCC Paris July 30, 1981

Qatar
None

Romania
Bilateral May 14, 1928

Rwanda
Unclear

Saint Christopher and Nevis
Unclear

Saint Lucia
Unclear

Saint Vincent and the Grenadines
Unclear

San Marino
None

São Tomé and Principe
Unclear

Saudi Arabia
None

Senegal
UCC Geneva July 9, 1974
UCC Paris July 10, 1974

Seychelles
Unclear

Sierra Leone
None

Singapore
Unclear

Solomon Islands
Unclear

Somalia
Unclear

South Africa
Bilateral July 1, 1924

Soviet Union
UCC Geneva May 27, 1973

Spain
Bilateral July 10, 1895
UCC Geneva Sept. 16, 1955
UCC Paris July 10, 1974
Phonogram Aug. 24, 1974

Sri Lanka
(formerly Ceylon)
UCC Geneva Jan. 25, 1984
UCC Paris Jan. 25, 1984

Sudan
Unclear

Suriname
Unclear

Swaziland
Unclear

Sweden
Bilateral June 1, 1911
UCC Geneva July 1, 1961
UCC Paris July 10, 1974
Phonogram Apr. 18, 1973

Switzerland
Bilateral July 1, 1891
UCC Geneva Mar. 30, 1956

Syria
Unclear

Tanzania
Unclear

Thailand
Bilateral Sept. 1, 1921

Togo
Unclear

Tonga
None

Trinidad and Tobago
Unclear

Tunisia
UCC Geneva June 19, 1969
UCC Paris June 10, 1975

Turkey
None

Tuvalu
Unclear

Uganda
Unclear

United Arab Emirates
None

United Kingdom
Bilateral July 1, 1891
UCC Geneva Sept. 27, 1957
UCC Paris July 10, 1974
Phonogram Apr. 18, 1973

Upper Volta
(See entry under Burkina Faso)

Uruguay
BAC Dec. 17, 1919
Phonogram Jan. 18, 1983

Vanuatu
Unclear

Vatican City
(Holy See)
UCC Geneva Oct. 5, 1955
Phonogram July 18, 1977
UCC Paris May 6, 1980

Venezuela
UCC Geneva Sept. 30, 1966
Phonogram Nov. 18, 1982

Vietnam
Unclear

Western Samoa
Unclear

Yemen (Aden)
Unclear

Yemen (San'a)
None

Yugoslavia
UCC Geneva May 11, 1966
UCC Paris July 10, 1974

Zaire
Phonogram Nov. 29, 1977
For works other than sound recordings, unclear

Zambia
UCC Geneva June 1, 1965

Zimbabwe
Unclear

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[1] Belize notified the Director-General of Unesco on December 1, 1982, of its decision to apply "provisionally, and on the basis of reciprocity" the Universal Copyright Convention as adopted at Geneva on September 6, 1952, the application of which had been extended to its territory before the attainment of independence from the United Kingdom on September 21, 1981.

[2] Effective June 30, 1908, this country became a party to the 1902 Mexico City Convention, to which the United States also became a party effective the same date. As regards copyright relations with the United States, this convention is considered to have been superseded by adherence of this country and the United States to the Buenos Aires Convention of 1910.

[3] Bilateral copyright relations between Japan and the United States, which were formulated effective May 10, 1906, are considered to have been abrogated and superseded by the adherence of Japan to the Universal Copyright Convention, Geneva, 1952, effective April 28, 1956.

Number of Registrations by Subject Matter of Copyright, Fiscal 1984

Category of material	Published	Unpublished	Total
Nondramatic literary works			
Monographs and machine-readable works	113,020	34,156	147,176
Serials	113,603		113,603
Total	226,623	34,156	260,779
Works of the performing arts, including musical works, dramatic works, choreography and pantomimes, and motion pictures and filmstrips	37,744	102,442	140,186
Works of the visual arts, including two-dimensional works of fine and graphic art, sculptural works, technical drawings and models, photographs, cartographic works, commercial prints and labels, and works of applied art	29,280	13,515	42,795
Sound recordings	8,638	12,949	21,587
Grand total	302,285	163,062	465,347
Renewals			37,281
Total, all registrations			502,628

Disposition of Copyright Deposits, Fiscal 1984

Category of material	Received for copyright registration and added to copyright collection	Received for copyright registration and forwarded to other departments of the Library	Acquired or deposited without copyright registration	Total
Nondramatic literary works				
Monographs and machine-readable works	96,852	99,981	9,637	[1] 206,470
Serials		227,206	225,361	[2] 452,567
Total	96,852	327,187	234,998	659,037
Works of the performing arts, including musical works, dramatic works, choreography and pantomimes, and motion pictures and filmstrips	123,763	43,560	197	167,520
Works of the visual arts, including two-dimensional works of fine and graphic art, sculptural works, technical drawings and models, photographs, commercial prints and labels, and works of applied art	34,770	39	179	34,988
Cartographic works		660	1,242	1,902
Total	34,770	699	1,421	36,890
Sound recordings	17,545	6,184	925	24,654
Total, all deposits	272,930	377,630	237,541	888,101

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[1] Of this total, 23,522 copies were transferred to the Exchange and Gift Division for use in its programs.

[2] Of this total, 80,557 copies were transferred to the Exchange and Gift Division for use in its programs.

Estimated Value of Materials Transferred to the Library of Congress

	Items accompanying copyright registration	Items submitted for deposit only under 407	Total items transferred	Average unit price	Total items transferred
Books	83,350	9,637	92,987	$17.20	$1,599,376
Books, periodicals (for Exchange and Gift)	48,711	55,368	104,079	2.27	236,259
Periodicals	193,126	169,993	363,119	3.43	1,245,498
Motion Pictures	7,312	616	7,928	480.00	3,805,440
Music	43,560	197	43,757	19.00	831,383
Sound Recordings	6,184	925	7,109	12.60	89,573
Maps	660	1,242	1,902	20.20	38,420
Prints, pictures, and works of art	39	179	218	12.10	2,637
Total	382,942	238,157	621,099		7,848,586

Total estimated value of materials	$7,848,586
Fees transferred to appropriation	5,200,000
Fees transferred to miscellaneous receipts	180,500
Fees transferred to miscellaneous receipts for annual cost of Licensing Division	680,000
Total	13,909,686

Financial Statement of Royalty Fees for Compulsory Licenses for Secondary Transmissions by Cable Systems for Calendar Year 1983

Royalty fees deposited	$66,697,432.82	
Interest income paid on investments	3,978,798.47	
		$70,676,231.29
Less: Operating costs	508,848.00	
Refunds issued	83,786.12	
Investments purchased at cost	69,922,863.76	
Copyright Royalty Tribunal cost for services	50,000.00	
		70,565,497.88
Balance as of September 30, 1984		110,733.41
Face amount of securities purchased		73,635,000.00
Cable royalty fees for calendar year 1983 available for distribution by the Copyright Royalty Tribunal		73,745,733.41

Financial Statement of Royalty Fees for Compulsory Licenses for Coin-Operated Players (Jukeboxes) for Calendar Year 1984

Royalty fees deposited	$4,788,715.00	
Interest income paid on investments	272,448.25	
		$5,061,163.25
Less: Operating costs	134,216.00	
Refunds issued	5,485.00	
Investments purchased at cost	4,869,312.07	
		5,009,013.07
Balance as of September 30, 1984		52,150.18
Face amount of securities purchased		4,240,000.00
Estimated interest income due September 30, 1985		1,010,840.63
Jukebox royalty fees for calendar year 1984 available for distribution by the Copyright Royalty Tribunal		5,302,990.81

Copyright Registrations, 1790–1984

	District Courts[1]	Library of Congress[2]	Patent Office[3]			Total
			Labels	Prints	Total	
1790–1869	150,000					150,000
1870		5,600				5,600
1871		12,688				12,688
1872		14,164				14,164
1873		15,352				15,352
1874		16,283				16,283
1875		15,927	267		267	16,194
1876		14,882	510		510	15,392
1877		15,758	324		324	16,082
1878		15,798	492		492	16,290
1879		18,125	403		403	18,528
1880		20,686	307		307	20,993
1881		21,075	181		181	21,256
1882		22,918	223		223	23,141
1883		25,274	618		618	25,892
1884		26,893	834		834	27,727
1885		28,411	337		337	28,748
1886		31,241	397		397	31,638
1887		35,083	384		384	35,467
1888		38,225	682		682	38,907
1889		40,985	312		312	41,297
1890		42,794	304		304	43,098
1891		48,908	289		289	49,197
1892		54,735	6		6	54,741
1893		58,956		1	1	58,957
1894		62,762		2	2	62,764
1895		67,572		6	6	67,578
1896		72,470	1	11	12	72,482
1897		75,000	3	32	35	75,035
1898		75,545	71	18	89	75,634
1899		80,968	372	76	448	81,416
1900		94,798	682	93	775	95,573
1901		92,351	824	124	948	93,299
1902		92,978	750	163	913	93,891
1903		97,979	910	233	1,143	99,122
1904		103,130	1,044	257	1,301	104,431
1905		113,374	1,028	345	1,373	114,747
1906		117,704	741	354	1,095	118,799
1907		123,829	660	325	985	124,814
1908		119,742	636	279	915	120,657
1909		120,131	779	231	1,010	121,141
1910		109,074	176	59	235	109,309
1911		115,198	576	181	757	115,955
1912		120,931	625	268	893	121,824
1913		119,495	664	254	918	120,413
1914		123,154	720	339	1,059	124,213

Copyright Registrations, 1790–1984

	District Courts[1]	Library of Congress[2]	Patent Office[3]			Total
			Labels	Prints	Total	
1915		115,193	762	321	1,083	116,276
1916		115,967	833	402	1,235	117,202
1917		111,438	781	342	1,123	112,561
1918		106,728	516	192	708	107,436
1919		113,003	572	196	768	113,771
1920		126,562	622	158	780	127,342
1921		135,280	1,118	367	1,485	136,765
1922		138,633	1,560	541	2,101	140,734
1923		148,946	1,549	592	2,141	151,087
1924		162,694	1,350	666	2,016	164,710
1925		165,848	1,400	615	2,015	167,863
1926		177,635	1,676	868	2,544	180,179
1927		184,000	1,782	1,074	2,856	186,856
1928		193,914	1,857	944	2,801	196,715
1929		161,959	1,774	933	2,707	164,666
1930		172,792	1,610	723	2,333	175,125
1931		164,642	1,787	678	2,465	167,107
1932		151,735	1,492	483	1,975	153,710
1933		137,424	1,458	476	1,937	139,361
1934		139,047	1,635	535	2,170	141,217
1935		142,031	1,908	500	2,408	144,439
1936		156,962	1,787	519	2,306	159,268
1937		154,424	1,955	551	2,506	156,930
1938		166,248	1,806	609	2,415	168,663
1939		173,135	1,770	545	2,315	175,450
1940		176,997	1,856	614	2,470	179,467
1941		180,647				180,647
1942		182,232				182,232
1943		160,789				160,789
1944		169,269				169,269
1945		178,848				178,848
1946		202,144				202,144
1947		230,215				230,215
1948		238,121				238,121
1949		201,190				201,190
1950		210,564				210,564
1951		200,354				200,354
1952		203,705				203,705
1953		218,506				218,506
1954		222,665				222,665
1955		224,732				224,732
1956		224,908				224,908
1957		225,807				225,807
1958		238,935				238,935
1959		241,735				241,735
1960		243,926				243,926

Copyright Registrations, 1790–1984

	District Courts[1]	Library of Congress[2]	Patent Office[3]			Total
			Labels	Prints	Total	
1961		247,014				247,014
1962		254,776				254,776
1963		264,845				264,845
1964		278,987				278,987
1965		293,617				293,617
1966		286,866				286,866
1967		294,406				294,406
1968		303,451				303,451
1969		301,258				301,258
1970		316,466				316,466
1971		329,696				329,696
1972		344,574				344,574
1973		353,648				353,648
1974		372,832				372,832
1975		401,274				401,274
1976		410,969				410,969
1976 Transitional qtr.[4]		108,762				108,762
1977		452,702				452,702
1978		531,942				531,942
1979		429,004				429,004
1980		464,743				464,743
1981		471,178				471,178
1982		468,149				468,149
1983		488,255				488,256
1984		502,628				502,628
Total	150,000	19,603,518	55,348	18,098	73,446	19,826,964

[1] Estimated registrations made in the offices of the Clerks of the District Courts (source: pamphlet entitled *Records in the Copyright Office Deposited by the United States District Courts Covering the Period 1790–1870*, by Martin A. Roberts, Chief Assistant Librarian, Library of Congress, 1939).

[2] Registrations made in the Library of Congress under the Librarian, calendar years 1870–1897 (source: *Annual Reports of the Librarian*). Registrations made in the Copyright Office under the Register of Copyrights, fiscal years 1898–1971 (source: *Annual Reports of the Register*).

[3] Labels registered in Patent Office, 1875–1940; Prints registered in Patent Office, 1893–1940 (source: memorandum from Patent Office, dated Feb. 13, 1958, based on official reports and computations).

[4] Registrations made July 1, 1976, through September 30, 1976, reported separately owing to the statutory change making the fiscal years run from October 1 through September 30 instead of July 1 through June 30.

[5] Reflects changes in reporting procedure.

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Appendixes

Appendix 1

Library of Congress Trust Fund Board

SUMMARY OF ANNUAL REPORT

MEMBERSHIP. Members of the Library of Congress Trust Fund Board during fiscal 1984 were:

Ex Officio

Daniel J. Boorstin, Librarian of Congress, Chairman and Secretary; Donald T. Regan, Secretary of the Treasury; and Senator Charles McC. Mathias, Jr., Chairman of the Joint Committee on the Library.

Appointive

Mrs. Charles William Engelbard, Jr. (term expires March 9, 1985).

Mrs. Charles Bates Thornton (term expires March 9, 1988).

MEETING OF THE BOARD. The Library of Congress Trust Fund Board met on October 20. Attending the meeting were members Flora Laney Thornton, Gerald Murphy (Deputy Fiscal Assistant Secretary, Department of the Treasury, statutory designee for the Secretary of the Treasury), and Daniel J. Boorstin. Others attending were Donald C. Curran, Associate Librarian of Congress; John J. Kominski, Library of Congress general counsel; John C. Broderick, Assistant Librarian for Research Services; Mary Ann Adams, special assistant to the Deputy Librarian of Congress; and Anthony Harvey, Senate Committee on Rules and Administration.

A quorum present, the board unanimously voted to reaffirm actions previously taken by poll votes and accepted the investment of gifts made by Mrs. Yanna Kroyt Brandt, Mae and Irving Jurow, Rose Marie Spivacke, the Pickford Foundation, the International Business Machines Corporation, and the Mellon Foundation. The board also reaffirmed Dr. Boorstin's 1978 appointment as trustee on the Huntington Trust.

The board approved an increase in investment management fees for services of the American Security Bank for its management of the McKim and Louchheim funds.

The Kindler Foundation, a nonprofit corporation in the District of Columbia, is being dissolved and has proposed that its assets be turned over to the Library of Congress Trust Fund Board. Income from the created trust fund would be used by the Library to sponsor an annual Kindler Concert, to commission biennially a musical composition to be performed at these concerts, and to deposit the composer's manuscript of the commissioned work in the Library's collections.

Summary of Income and Obligations[1]

	Permanent loan account	Investment accounts	Total
Unobligated funds carried forward from fiscal 1983	$934,664.57	$620,330.77	$1,554,995.34
Income, fiscal 1984	583,961.13	757,993.75	1,341,954.88
Available for obligation, fiscal 1984	1,518,625.70	1,378,324.52	2,896,950.22
Obligations, fiscal 1984	668,484.63	246,307.30	914,791.93
Carried forward to fiscal 1985	850,141.07	1,132,017.22	1,982,158.29

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[1] See appendix 10 for a detailed statement on the trust funds, as well as for income and obligations from the Gertrude M. Hubbard bequest.

The board unanimously voted to accept the deed of trust.

The board also voted to transfer half the funds of the Swann Memorial Fund from the Permanent Loan Account in the U.S. Treasury to a management investment firm. The remainder, approximately $500,000, will be left in the U.S. Treasury.

OTHER ACTIVITIES. A contribution of $1,000 was received from Philip C. McKenna to augment the Boris and Sonya Kroyt Memorial Fund.

Gifts of $15,000 from Vivian McCreary and $1,000 from Ana C. Moody were received to establish a trust fund known as the Raye Virginia Allen Trust Fund. The income from this trust will be used to support folklife projects and activities administered by the American Folklife Center.

A bequest of $25,000 was received from the estate of John W. Cronin, former Director of the Processing Department, to establish a fund in his name. The income from the investment will be used for the acquisition of books on the subject of bibliography, medieval history, religion, and French literature.

The above funds were placed in permanent loan in the U.S. Treasury.

A total of $500,000 from the Swann Fund was deducted from the Permanent Loan Account in the U.S. Treasury and invested with ASB Capital Management, Inc.

ACTIVITIES SUPPORTED BY FUNDS HELD BY THE BOARD. Income from funds held by the board was used to support the Council of Scholars' Symposium on Work, the conference "George Orwell and *1984*," the performance of three plays by Samuel Beckett, a "George and Ira Gershwin Celebration," the Sixteenth Festival of Chamber Music, and the inaugural concert of the Kindler Foundation. Funds were also used for the purchase of prints for the Joseph and Elizabeth Robins Pennell Collection, letters of Johannes Brahms and Clara Schumann, and a collection of letters written by composers and musical personalities living in the 1960s to the lexicographer Richard J. Potts.

Appendix 2

Acquisitions and Acquisitions Work

THE COLLECTIONS OF THE LIBRARY

Category	Titles 1983	Volumes/items 1983
Classified Book Collections		
Class A (General Works)	73,786	351,854
Class B–BJ (Philosophy)	124,254	206,952
Class BL–BX (Religion)	321,804	465,776
Class C (History, Auxiliary Sciences)	85,620	174,015
Class D (History, except American)	597,853	865,705
Class E (American History)	113,301	197,269
Class F (American History)	176,672	310,863
Class G (Geography, Anthropology)	284,109	281,658
Class H (Social Sciences)	929,342	2,021,424
Class J (Political Science)	205,552	628,990
Class K and "LAW" (Law)	487,068	1,590,827
Class L (Education)	174,001	399,178
Class M (Music)	373,703	533,819
Class N (Fine Arts)	224,854	317,517
Class P (Language and Literature)	1,360,206	1,791,841
Class Q (Science)	450,760	793,874
Class R (Medicine)	189,324	329,809
Class S (Agriculture)	147,785	331,588
Class T (Technology)	486,985	952,462
Class U (Military Science)	61,504	141,072
Class V (Naval Science)	32,476	81,741
Class Z (Bibliography)	203,777	479,570
Total classified book collections	7,104,735	13,247,804
Nonclassified Collections		
Audio material		
Discs		
Recorded sound collection		854,861
Talking Books	11,251	13,521
Tapes and wires		
Recorded sound collection		119,309
Talking Books	10,494	11,035
Other recorded formats		4,805
Total audio material		1,003,531
Manuscripts		
Manuscript Division		34,391,279
Music Division		315,710
Other		334,316
Total manuscripts		35,041,305

Titles added 1984	Volumes/items added 1984	Titles withdrawn 1984	Volumes/items withdrawn 1984	Titles 1984	Volumes/items 1984
1,049	5,715	27	31	74,808	357,538
4,819	4,678	168	94	128,905	211,536
8,183	9,590	245	150	329,742	475,216
3,111	4,598	39	42	88,692	178,571
13,755	17,626	311	514	611,297	882,817
1,572	2,366	212	101	114,661	199,534
4,826	6,493	142	140	181,356	317,216
5,020	8,002	78	1,399	289,050	288,261
28,946	50,067	820	26,156	957,468	2,045,335
4,330	9,348	209	415	209,673	637,923
14,989	37,975	35	720	502,022	1,628,082
5,005	6,088	706	2,720	178,300	402,546
3,911	4,355	2	36	377,612	538,138
9,305	10,779	154	3,354	234,005	324,942
29,202	31,224	472	261	1,388,936	1,822,824
11,546	18,248	489	2,406	461,817	809,716
5,876	6,820	287	462	194,913	336,167
3,146	5,091	87	3,976	150,844	332,703
11,164	18,534	200	287	497,949	970,709
1,551	2,287	20	74	63,035	143,285
595	1,231	18	16	33,053	82,956
4,968	9,477	233	279	208,512	468,768
176,869	270,592	4,954	43,633	7,276,650	13,474,783
	27,185				882,046
416	416			11,667	13,937
	20,187				139,496
1,428	1,433			11,922	12,468
	306				5,111
	49,527				1,053,058
	265,792		25,288		34,631,783
	1,064				316,774
	5				334,321
	266,861		25,288		35,282,878

Category	Titles 1983	Volumes/items 1983
Nonclassified Collections—Continued		
Maps (classified and nonclassified)	3,749,684	3,801,247
Microforms		
Microfiche[1]	1,581,239	3,177,615
Microfilm[1]	364,834	1,698,518
Micro-opaques	72,966	502,561
Total microforms	2,019,039	5,378,694
Print material/print products		
Books in large type	484	8,551
Books in raised characters	5,220	57,543
Incunabula	4,690	5,690
Minimal-level cataloging (monographs)	37,192	37,192
Music	3,570,495	3,691,377
Newspapers (bound)	8,931	47,721
Pamphlets	154,943	154,943
Technical reports	597,094	1,320,750
Other	3,012,448	6,600,486
Total print materials	7,391,497	11,924,253
Visual material		
Motion pictures	79,198	314,651
Photographs (negatives, prints, and slides)		8,732,624
Posters		55,219
Prints and drawings		219,928
Videotape and videodisc	10,864	14,334
Other (broadsides, photocopies, nonpictorial material, photostats, etc.)		1,064,862
Total visual material		10,401,618
Total nonclassified collections		67,550,648
Grand total		80,798,452

[1] Includes newspapers and technical reports. Large microfiche sets are reported as a single title.

Titles added 1984	Volumes/items added 1984	Titles withdrawn 1984	Volumes/items withdrawn 1984	Titles 1984	Volumes/items 1984
9,401	50,431	11,224	11,224	3,747,861	3,840,454
259,248	353,233	1,066	1,066	1,839,421	3,529,782
29,704	33,488	18	18	394,520	1,731,988
1,470	1,459			74,436	504,020
290,422	388,180	1,084	1,084	2,308,377	5,765,790
				484	8,551
355	817			5,575	58,360
5	3			4,695	5,693
20,540	20,540			57,732	57,732
2,289	2,289			3,572,784	3,693,666
		375	2,774	8,556	44,947
8,287	8,287	910	910	162,320	162,320
92,336	92,336	33,846	33,846	655,584	1,379,240
18,889	18,889	282	282	3,031,055	6,619,093
142,701	143,161	35,413	37,812	7,498,785	12,029,602
3,791	6,759			82,989	321,410
	43,418		38,987		8,737,055
	1,606		620		56,205
	19,239		10		239,157
9,202	11,223			20,066	25,557
	17,750		2,845		1,079,967
	99,995		42,262		10,459,351
	998,155		117,670		68,431,133
	1,268,747		161,303		81,905,916

RECEIPTS BY SOURCE, SEPTEMBER 30, 1984

	Pieces, 1983	Pieces, 1984
By purchase		
Funds appropriated to the Library of Congress		
Books for the blind and physically handicapped	1,631,652	1,705,522
Books for the Law Library	61,852	57,281
Books for the general collections	793,425	762,196
Copyright Office	6,466	6,432
Copyright Office—Licensing Division	211	154
Congressional Research Service	307,252	278,235
Special Foreign Currency Program	33	
Salaries and expenses, Library of Congress		
Reprints and books for office use	6,260	5,145
Microfilm of deteriorating materials	10,493	7,630
Microfiche of deteriorating materials	13,798	29,675
Motion pictures	3	51
NPAC	1	
Funds transferred from other government agencies		
Federal Research Division	42,883	90,678
Other working funds	70	501
Gift and trust funds		
American Council of Learned Societies	7	
Babine Fund	1	1
Center for the Book	97	48
Documents Expediting Project	52	52
Evans Fund	59	31
Goff Memorial Fund	1	2
Gottscho Fund	940	4,875
Heinemann Fund	5	3
Hubbard Fund	10	8
Huntington Fund	217	1,172
Kennedy Center for the Performing Arts	1	
Kostelanetz Fund		448
McKim Fund	63	
Mellon Fund		1
Miller Fund	2	
Morrow Fund		42
Mumford Fund	1	
NYPL-East African Acquisitions Program	2	1
Pennell Fund		12
Rizzuto Fund	5	
Rowman & Littlefield	9	17
Schwartz Fund	23	
Stern Fund	3	13
Swann Foundation (interest)	161	166
Time-Life Books	1	1

RECEIPTS BY SOURCE, SEPTEMBER 30, 1984—Continued

	Pieces, 1983	Pieces, 1984
Various donors	3	2
Whittall Foundation		5
Wilbur Fund	11	371
Total	2,876,073	2,950,771
By government source		
Local agencies	328	743
State agencies	[2] 116,813	120,101
Federal documents (GPO jacket)	432,459	531,839
Federal documents (agencies and non-GPO)	134,720	247,904
Copyright deposits	620,135	645,442
Books for the adult blind	211	167
Total	[2] 1,304,666	1,546,196
By transfer from other government agencies	2,654,982	2,464,229
By gift	2,037,525	1,125,890
By exchange		
Domestic	22,489	20,363
Foreign and international exchange	468,421	500,482
Total	490,910	520,845
Total receipts	[2] 9,364,156	8,607,931

ACQUISITIONS ACTIVITIES LAW LIBRARY AND RESEARCH SERVICES

	Law Library		Research Services	
	1983	1984	1983	1984
Lists and offers scanned	6,956	6,156	20,427	27,813
Items searched	8,638	12,600	132,175	160,909
Items recommended for acquisition	5,360	9,524	249,445	254,132
Items accessioned			2,712,608	2,070,518
Items disposed of	3,163,813	2,994,784	1,535,295	1,154,572

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[2] Adjusted figure.

Appendix 3

Cataloging and Maintenance of Catalogs

CATALOGING AND CLASSIFICATION

	1983	1984
Descriptive cataloging stage		
New titles fully cataloged	169,406	214,225
Titles recataloged or revised	5,237	3,911
Name authorities established	102,253	201,768
Name authorities changed	58,858	38,339
Minimal level cataloged	22,435	29,604
Subject cataloging stage		
Titles classified and subject headed	160,594	184,286
Titles shelflisted, classified collections	164,623	170,647
Volumes shelflisted, classified collections	229,817	199,892
Titles recataloged	5,244	5,425
Subject headings established	8,383	7,552
Class numbers established	2,897	4,245
Decimal classification stage		
Titles classified	117,535	123,439
Full level cataloging completed	159,498	179,168

RECORDS IN THE MARC DATA BASE

	Total records September 30, 1983	Additions 1984	Total records September 30, 1984
Books	1,740,082	[1] 214,809	1,954,891
Films	65,858	2,997	68,855
Maps	79,998	4,926	84,924
Music		5,736	5,736
Name authorities	[2] 994,360	197,705	1,192,065
Serials	180,623	30,500	211,123
Total	[2] 3,060,921	456,673	3,517,594

[1] Includes migrated records plus converted records.

[2] Adjusted figure.

SERIALS PROCESSING

	1983	1984
Pieces processed	1,573,369	1,452,951
Volumes added to classified collections	29,698	31,566

GROWTH OF LIBRARY OF CONGRESS GENERAL CATALOGS

	Cards in catalogs September 30, 1983	New cards added 1984[3]	Total cards September 30, 1984
Main Catalog	24,748,202	198,103	24,946,305
Add-on Main Catalog	123,931	102,211	226,142
Official Catalog	29,001,454	50,838	29,052,292
Add-on Official Catalog	1,294,487	204,257	1,498,744
Catalog of Children's Books	329,170		329,170
Far Eastern Languages Catalog	1,379,720	63,790	1,443,510
Add-on Far Eastern Languages Catalog		56,158	56,158
Music Catalog	3,428,034	19,722	3,447,756
Add-on Music Catalog	622	14,830	15,452
National Union Catalog of Manuscript Collections	83,586		83,586
Law Library Catalog	2,408,768	1,176	2,409,944
Add-on Law Library Catalog	11,273	5,080	16,353
Total	62,809,247	716,165	63,525,412

[3] Name authority preliminary cards, early notice records, refiles, corrected replacements, and reprints are not included.

GROWTH OF THE UNION CATALOG

	1983	1984
CARDS RECEIVED (Pre-1956 imprints)		
Library of Congress cards		
Printed main and added entry cards	2,202	2,400
Corrected and revised added entry cards	733	291
Total	2,935	2,691
Cards contributed by other libraries	553,386	473,940
Total cards received	556,321	476,631
CARDS RECEIVED (Post-1955 imprints)		
Library of Congress cards		
Printed main entry cards	54,005	
Corrected and revised reprints for main entry cards	886	
Printed added entry cards	4,627	
Corrected and revised added entry cards	1,430	
Printed cross-reference cards	137,341	4,152
Total	198,289	4,152
Cards contributed by other libraries	4,028,042	3,489,869
Total cards received	4,226,331	3,494,021
CARDS IN AUXILIARY CATALOGS		
Chinese Union Catalog	646,850	651,850
Hebraic Union Catalog	[1] 670,099	673,883
Japanese Union Catalog	725,272	790,633
Korean Union Catalog	72,857	77,457
Near East Union Catalog	133,255	145,545
Slavic Union Catalog	442,456	442,456
South Asian Union Catalog	41,200	41,200
Southeast Asian Union Catalog	22,512	22,512
National Union Catalog: Pre-1956 imprints, supplement	2,066,997	2,066,997
National Union Catalog: Post-1955 imprints	11,973,524	11,977,676
Total cards in auxiliary catalogs	[1] 16,795,022	16,890,209

Appendix **4**

Cataloging Distribution

TOTAL INCOME FROM SALES OF MARC TAPES, CARDS, AND TECHNICAL PUBLICATIONS, BOOKS, AND MICROFICHE CATALOGS

	1983	1984
General	$4,235,221.80	$4,553,859.34
To U.S. government libraries	175,092.42	211,909.07
To foreign libraries	456,728.08	519.578.29
Total gross sales before credits and adjustments	4,867,042.30	5,285,346.70
ANALYSIS OF TOTAL INCOME		
Card sales (gross)	1,158,914.23	1,236,614.07
Technical publications	734,410.90	743,990.45
Nearprint publications	161,351.50	205,702.75
BOOK CATALOGS		
National Union Catalog, including Audiovisual Materials and Music, Books on Music, and Sound Recordings	321,165.00	266,890.00
Monographic Series	18,410.00	7,285.00
New Serial Titles	695,801.00	698,311.00
Subject Catalog	49,380.00	34,505.00
National Union Catalog of Manuscript Collections	86,160.00	89,090.00
MICROFICHE CATALOGS		
NUC Books	402,340.00	398,141.39
NUC U.S. Books	27,300.00	29,652.75
NUC AV Materials	18,814.00	45,595.00
NUC Cartographic Materials	28,245.00	30,287.00
Register of Additional Locations	64,411.00	73,928.00
Name Authorities	157,100.00	228,440.00
Subject Headings	98,530.00	122,185.00
Chinese Cooperative Catalog	1,220.00	1,405.00
MARC TAPES	843,489.67	1,073,324.29
Total gross sales before credits and adjustments	4,867,042.30	5,285,346.70

ADJUSTMENT OF TOTAL SALES	Credit returns	U.S. government discount	
Cards	$25,331.71	$7,983.77	
Technical publications	10,723.85	2,727.33	
Nearprint publications	1,815.01	716.59	
BOOK CATALOGS:			
National Union Catalog, etc.	11,720.00	258.19	
Monographic Series	1,015.00		
National Union Catalog of Manuscript Collections	420.00	411.81	
New Serial Titles	3,440.00	2,866.01	
Subject Catalog	4,895.00		
MICROFICHE CATALOGS:			
NUC Books	3,198.00	1,177.27	
NUC U.S. Books	1,780.00	113.64	
NUC AV Materials	744.00	66.08	
NUC Cartographic Materials	795.00	104.53	
Register of Additional Locations	1,125.00	268.20	
Name Authorities	7,430.00	697.72	
Subject Headings	2,635.00	420.90	
MARC TAPES	48,786.14	931.56	
Total	125,853.71	18,743.60	
Total adjustment			$144,597.31
Total net sales			5,140,749.39

CARDS DISTRIBUTED

	1983	1984
Cards sold	13,098,980	11,469,747
Other cards distributed		
Library of Congress catalogs	4,579,159	2,467,444
Cataloging Distribution Service catalogs	137,886	86,418
Other accounts	7,420,383	7,977,797
Total	12,137,428	10,531,659
Total cards distributed	25,236,408	22,001,406

CARD SALES, 1973 TO 1984

Fiscal year	Cards sold	Gross revenue	Net revenue
1973	73,599,751	$3,375,134.48	$3,813,375.15
1974	58,379,911	3,068,073.58	3,011,182.41
1975	44,860,670	2,741,596.05	2,700,969.62
1976	39,821,876	2,618,271.74	2,561,223.69
July 1-September 30, 1976	8,238,642	635,672.05	622,505.84
1977	30,799,708	2,109.878.24	2,050,860.00
1978	23,318,278	1,672,955.50	1,637,891.87
1979	22,555,290	1,614,497.43	1,581,388.92
1980	19,536,019	1,347,513.12	1,314,485.28
1981	15,643,303	1,120,886.97	1,094,625.80
1982	15,355,512	1,292,490.61	1,227,000.67
1983	13,098,980	1,158,914.23	1,132,018.12
1984	11,469,747	1,236,614.07	1,203,298.59

PRINTING OF CATALOG CARDS

	1983	1984
NEW TITLES AVAILABLE FOR PRINTING:		
Monographs		
MARC	[1] 123,507	161,588
Non-MARC	[1] 3,623	3,196
Films	2,355	3,060
Maps	5,468	5,425
Sound recordings	2,345	[2] 1,015
Far Eastern languages	20,490	19,007
Serials	6,252	7,717
Total	164,040	201,008

[1] Adjusted figure.

[2] Production of these cards was delayed by implementation of Music Online System.

Appendix 5

Reader Services[1]

	Bibliographies prepared	
	Number	Number of entries[3]
National Programs		
American Folklife Center (Archive of Folk Culture)	6	1,636
Children's Literature Center	1	175
National Library Service for the Blind and Physically Handicapped[2]	22	1,672
Total	29	3,483
Research Services		
Performing Arts Library		
African and Middle Eastern Division	3	7,448
Asian Division		9,563
European Division	10	24,508
Hispanic Division	60	25,803
Collections Management Division		
General Reading Rooms Division	15	6,660
Loan Division		
National Referral Center		2,909
Science and Technology Division	8	831
Serial and Government Publications Division	1	185
Geography and Map Division	53	14,647
Manuscript Division		3,206
Motion Picture, Broadcasting, and Recorded Sound Division	1	95
Music Division	21	1,108
Prints and Photographs Division	23	1,740
Rare Book and Special Collections Division		
Total	195	98,703
Law Library	583	22,637
Law Library in the Capitol		
Processing Services		
Grand total—1984	807	124,823
Comparative totals—1983	689	130,742
1982	473	99,471
1981	419	91,550
1980	413	227,933

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[1] Not included here are statistics for the Congressional Research Service, which answered 442,247 inquiries for members and committees of Congress in fiscal 1984.

[2] See appendix 6 for additional statistics.

[3] Includes entries for continuing bibliographies.

Circulation of volumes and other units		Direct reference service			
For use within the Library	Outside loans[4]	In person	By correspondence	By telephone	Total
		13,500	7,000	7,000	27,500
		887	418	950	2,255
		1,035	19,839	5,133	26,007
		15,422	27,257	13,083	55,762
		2,058	93	2,096	4,247
9,845	*735*	11,604	1,345	16,681	29,630
57,820	*3,176*	15,604	1,117	31,022	47,743
57,709	*219*	13,857	1,901	20,019	35,777
17,119	*1,307*	19,739	8,032	34,554	62,325
704,433		24,153	14,406	6,539	45,198
425,336	*1,634*	193,796	8,491	63,176	265,463
2,654	[5] 156,964	3,114	11,283	11,145	25,542
		2,239	13,252	3,227	18,718
14,483		28,197	4,164	8,650	41,011
500,121	*13,694*	89,222	904	24,727	114,853
108,173	*512*	16,258	2,207	9,120	27,585
60,947	*1,680*	10,988	4,908	29,200	45,096
78,480	*3,499*	27,588	18,784	20,281	66,653
42,930	*881*	10,681	1,873	13,626	26,180
106,638	*3,137*	46,045	3,805	22,841	72,691
30,716		6,875	1,258	7,398	15,529
2,217,404	156,964	522,018	97,823	324,400	944,241
968,139		387,362	3,602	102,648	493,612
10,994	6,348	7,178		2,730	9,908
			9,493	119,560	129,053
3,196,537	163,312	931,980	138,175	562,421	1,632,576
3,079,405	[6] 152,268	874,525	149,752	507,756	1,532,033
2,840,050	118,456	751,857	98,670	436,927	1,287,454
2,659,405	140,871	714,496	147,801	489,705	1,352,002
2,132,725	151,465	636,179	136,908	492,629	1,265,716

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[4] All loans except those made by the Law Library in the Capitol are made by the Loan Division; figures for other divisions (shown in italics) represent materials selected for loan.

[5] Includes 16,089 copies of items sent to borrowers in lieu of lending.

[6] Corrected figure.

Appendix 6

Services to the Blind and Physically Handicapped

	1983	1984
Purchase of sound reproducers	50,000	57,000
Acquisitions		
Books, including music		
Recorded titles	1,674	1,742
(containers)[1]	1,493,100	1,629,100
Press-braille titles	390	355
(volumes)[1]	62,800	59,800
Hand-copied braille titles	302	115
(volumes)	9,584	4,150
Cassette titles produced by volunteers	199	200
Cassette titles produced at NLS/BPH	65	94
Commercial music recordings (containers)	1,208	1,200
Large print music (volumes)		
Magazines, including music		
Recorded titles	40	40
(containers)[1]	5,648,700	6,199,100
Press-braille titles	36	36
(volumes)[1]	736,400	753,800
Music scores		
Press-braille titles	704	352
(volumes)	2,110	1,675
Hand-copied braille masters	1	1
Hand-copied braille volumes	13	20
Large-type masters produced by volunteers	3	
Large-type volumes produced by volunteers	3	

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[1] Includes materials deposited in network libraries.

	1983	1984
Certification of volunteers		
Braille transcribers	366	247
Braille proofreaders	10	14
Tape narrators	20	10
Circulation		
Regional and subregional libraries		
Recorded disc containers	10,882,100	11,037,000
Recorded cassette containers	6,601,600	7,222,800
Braille volumes	661,500	675,000
NLS/BPH direct service (overseas)		
Recorded disc books	3,700	3,400
Recorded cassette books	[1] 7,000	6,500
Braille books	200	200
NLS/BPH music direct service		
Recorded disc containers	700	500
Recorded cassette containers	9,000	6,200
Braille volumes	4,100	4,700
Large-type volumes	1,900	1,900
Interlibrary loan		
Multistate centers		
Recorded disc containers	20,800	25,600
Recorded cassette containers	28,100	28,100
Tapes (cassette and open-reel)	48,200	37,500
Braille volumes	13,000	13,500
NLS/BPH		
Recorded disc containers	400	300
Recorded cassette containers	200	400
Braille volumes	700	700
Duplication (cassette or open-reel)	3,400	1,000

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[1] Adjusted total.

	1983	1984
Readership		
Regional and subregional libraries		
Recorded disc	289,860	284,070
Recorded cassette	307,360	322,190
Braille	16,290	14,980
NLS/BPH direct service (overseas)		
Recorded disc	290	240
Recorded cassette	320	320
Braille	30	20
NLS/BPH music direct service		
Recorded disc	100	100
Recorded cassette	[3]5,600	5,200
Braille	[3]1,800	2,000
Large-type	600	600

Appendix 7

Photoduplication

	Total 1983	Total 1984
Photostat exposures	9,855	11,682
Electrostatic prints		
Catalog cards	8,347	3,153
Other material	338,443	300,558
Negative microfilm exposures		
Catalog cards	7,104	
Books, etc.		
Filmed at Library of Congress	11,286,379	9,080,435
Filmed in New Delhi	610,838	896,530
Positive microfilm (in feet)	3,929,380	4,993,197
Enlargement prints from microfilm	2,080	632
Photographic negatives (copy, line, and view)	9,828	9,358
Photographic contact prints	22,880	18,058
Photographic projection prints	11,659	11,640
Slides and transparencies (including color)	7,601	7,033
Black line and blueprints	1,488	751
Diazo (microfiche)	290,799	239,042

Appendix 8

Preservation and Restoration

	1983	1984
IN ORIGINAL FORM		
Books		
Volumes bound or rebound (commercial binding)	203,851	166,207
Rare book materials treated (volumes)[1]	5,723	4,759
Rare book materials surveyed (volumes)	7,771	7,785
Total volumes	217,145	178,751
Nonbook materials		
Manuscripts treated (individual sheets)[1]	33,730	6,925
Maps treated (individual atlas sheets)[1]	35,284	40,930
Prints and photographs treated (individual items)[1]	10,037	9,091
Total nonbook items	79,051	56,946
IN OTHER FORMS		
Brittle books and serials converted to microfilm (exposures)	4,094,486	2,838,788
Newspapers and periodicals converted to microfilm (exposures)		
Retrospective materials	627,957	1,070,990
Current materials	1,899,218	1,021,035
Deteriorating still-picture negatives converted to safety-base negatives	8,010	2,923
Deteriorating motion pictures replaced or converted to safety-base film (feet)	1,946,278	3,052,371
Sound recordings		
Deteriorating discs converted to magnetic tape	6,612	7,578
Deteriorating tapes converted to magnetic tape	22	300
Deteriorating cylinders, wire recordings, etc., converted to magnetic tape	14	75
Disc recordings cleaned and packed	7,302	44,945

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[1] The number of volumes, pages, etc., reported in any given year may vary considerably from previous years because of differences in treatment times for specific projects. Yearly total figures include both phased and full-treatment projects.

Appendix 9

Employment

	1983	1984		
	Total	Paid from appropriations to the Library	Other funds	Total
Office of the Librarian	67	61	9	70
Management	912	756	162	918
National Programs	93	82	19	101
Books for the blind and physically handicapped	139	141		141
Total, National Programs	232	223	19	242
Copyright Office	549	542		542
Law Library	95	102		102
Congressional Research Service	891	898		898
Processing Services				
General services	1,196	1,193	9	1,202
Cataloging distribution service	183	170		170
Special foreign currency program	7	7		7
Total, Processing Services[1]	1,386	1,370	9	1,379
Research Services	1,176	931	245	1,176
Total, all departments	5,308	4,883	444	5,327

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[1] Does not include local personnel hired for overseas programs.

Appendix 10

Financial Statistics

SUMMARY

	Unobligated balance from previous year	Appropriations or receipts 1984
APPROPRIATED FUNDS		
Salaries and expenses, Library of Congress	$46,047.70	[1] $144,676,000.00
Salaries and expenses, Copyright Office		[2] 16,322,000.00
Salaries and expenses, Congressional Research Service		37,632,000.00
Books for the blind and physically handicapped		35,099,000.00
Collection and distribution of library materials, special foreign currency program	3,805,149.38	2,962,000.00
Furniture and furnishings	187,728.50	1,524,000.00
Total annual appropriations	4,038,925.58	238,215,000.00
TRANSFERS FROM OTHER GOVERNMENT AGENCIES		
Consolidated working funds		
No-year		2,153,692.09
1984		15,861,742.10
1983–84		47,998.00
1984–85		499,983.00
Total transfers from other government agencies		18,563,415.19
GIFT AND TRUST FUNDS [3]	4,251,234.64	8,429,357.27
Total all funds	8,290,160.22	265,207,772.46

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[1] Includes Cataloging Distribution Service receipts, amounting to $4,300,000, that were available for obligation in accordance with Public Law 98–51, approved July 14, 1983.

[2] Includes copyright registration receipts, amounting to $5,200,000, that were available for obligation in accordance with Public Law 98–51, approved July 14, 1983.

[3] The principal value of Library of Congress trust funds is invested as follows:

In the U.S. Treasury	
Bequest of Gertrude M. Hubbard	$20,000
Public debt securities	1,411,113
Permanent loan	4,657,348
Total	6,088,461

STATEMENT

Total available for obligation 1984	Obligated 1984	Unobligated balance not available	Unobligated balance forwarded to 1985
$144,722,047.70	$130,686,498.32	$2,446,716.28	$11,588,833.10
16,322,000.00	16,210,377.05	111,622.95	
37,632,000.00	37,347,934.84	284,065.16	
35,099,000.00	33,561,724.02	1,537,275.98	
6,767,149.38	3,359,036.70		3,408,112.68
1,711,728.50	1,687,361.14	24,038.85	328.51
242,253,925.58	222,852,932.07	4,403,719.22	14,997,274.29
2,153,692.00	2,153,692.00		
15,861,742.10	15,861,742.10		
47,998.00	47,998.00		
499,983.00	499,983.00		
18,563,415.19	18,563,415.19		
12,680,591.91	7,156,847.79		5,523,744.12
273,497,932.68	248,573,195.05	4,403,719.22	20,521,018.41

Outside the U.S. Treasury (Market value September 30, 1984)

Archer M. Huntington Fund	$1,586,000
McKim Fund	1,360,000
Katie and Walter Louchheim Fund	72,000
Kindler Foundation Trust Fund	69,000
Caroline and Erwin Swann Memorial Fund	546,000
Total	3,653,000
Total investments	9,741,461

GIFT AND

Fund and donor	Purpose
Bequest of Gertrude M. Hubbard [4]	
Library of Congress Trust Fund,[5] **U.S. Treasury investment accounts**	
Allen (Raye Virginia) Trust Fund	Support of folklife projects and activities
Babine, Alexis V., bequest	Purchase of Slavic material
Benjamin, William Evarts	Chair of American history, with surplus available for purchase and maintenance of materials for the historical collections of the Library
Bowker, R. R.	Bibliographical services
Carnegie Corporation of New York	Promotion and encouragement of an interest in and an understanding of fine arts in the United States
Coolidge (Elizabeth Sprague) Foundation, established by donation and bequest of Elizabeth Sprague Coolidge	Furtherance of musical research, composition, performance, and appreciation
Cronin (John W.) bequest	Purchase of books on the subjects of bibliography, medieval history, religion, and French literature
Elson (Louis C.) Memorial Fund, established under bequest of Bertha L. Elson	Provision of one or more annual, free public lectures on music or its literature
	Encouragement of public interest in music or its literature
Evans (Archibald B.) Fund	Purchase of original American 18th-century newspapers
Feinberg (Lenore B. and Charles E.) Fund	Purchase of books, manuscripts, and other materials by and about Walt Whitman and other American writers
Friends of Music in the Library of Congress, established by the association	Enrichment of music collection
Guggenheim (Daniel) Fund for the Promotion of Aeronautics, Inc.	Chair of aeronautics
Hanks, Nymphus C., bequest	Furtherance of work for the blind, particularly the provision of books for the Library of Congress to make available to the blind

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[4] Bequest of Gertrude M. Hubbard in the amount of $20,000 accepted by an act of Congress (Public Law 276, 62d Congress, approved August 20, 1912) and deposited with the U.S. Treasury.

TRUST FUNDS

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
$20,000.00	$2,943.05	$2,439.78	$5,382.83	$3,958.59	$1,424.24
16,000.00		932.55	932.55		932.55
6,684.74	3,731.21	816.20	4,547.41	893.80	3,653.61
83,083.31	47,761.94	10,843.80	58,605.74	74.51	58,531.23
14,843.15	7,720.10	1,843.12	9,563.22		9,563.22
93,307.98	8,183.76	7,906.55	16,090.31	7,520.39	8,569.92
804,444.26	135,598.50	98,140.01	233,738.51	145,545.59	88,192.92
25,000.00		331.08	331.08		331.08
6,000.00	2,694.20	488.57	3,182.77		3,182.77
6,585.03	2,862.60	536.21	3,398.81		3,398.81
25,000.00	11,347.45	3,838.86	15,186.31	3,532.50	11,653.81
1,000.00	450.79	89.13	539.92	46.00	493.92
11,659.09	3,016.69	1,512.17	4,528.86	117.00	4,411.86
90,654.22	96,480.39	15,865.11	112,345.50	183.02	112,162.48
5,227.31	3,848.82	688.86	4,537.68		4,537.68

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[a] Authorized under Public Law 541, 68th Congress, March 3, 1925, as amended, "An Act to create a Library of Congress Trust Fund Board and for other purposes."

Fund and donor	Purpose
Library of Congress Trust Fund, U.S. Treasury investment accounts—Continued	
Huntington, Archer M.	
Donation	Purchases of Hispanic material
Donation	Consultant in Spanish and Portuguese literature
Bequest	Equipment and maintenance of the Hispanic Society Room and maintenance of a chair of English-language poetry
IBM Corporation	Establish, exhibit, and service the Charles Eames Collection at the Library of Congress
Jurow (Mae and Irving) Fund	Provision of harpsichord concerts at the Library
Kaplan (Milton) Fund	Purchase of 18th- and 19th-century American prints, drawings, and photographs
Kostelanetz (Andre) Fund	Purchase of books, manuscripts, kinescopes, recordings, and other materials for the Music Division
Koussevitzky (Serge) Music Foundation in the Library of Congress, established by the Koussevitzky Music Foundation, Inc.	Furtherance of the art of music composition
Kroyt (Boris and Sonya) Memorial Fund	Benefit the concert program developed through the Music Division
Longworth (Nicholas) Foundation in the Library of Congress, established by the friends of the late Nicholas Longworth	Furtherance of music
Mellon (Andrew W.) Foundation	Provide fellowships for training in the field of preservation of library materials
Miller, Dayton C., bequest	Benefit of the Dayton C. Miller Collection of Flutes
National Library for the Blind, established by the National Library for the Blind, Inc.	Provision of reading matter for the blind and the employment of blind persons to provide library services for the blind
Pennell, Joseph, bequest	Purchase of materials in the fine arts for the Pennell Collection
Pickford (Mary) Foundation	Support of programs related to the history and development of the motion picture industry
Porter (Henry Kirke) Memorial Fund, established by Annie-May Hegeman	Maintenance of a consultantship or other appropriate purpose

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
$112,305.74	$20,752.56	$10,785.92	$31,538.48	$11,219.58	$20,318.90
49,746.52	12,835.27	4,926.61	17,761.88	3,088.76	14,673.12
98,525.40	9,893.02	8,548.17	18,441.19	7,594.52	10,846.67
		373,071.37	373,071.37		373,071.37
50,000.00	10,824.33	6,100.02	16,924.35	7,409.75	9,514.60
2,985.00	1,335.25	364.53	1,699.78		1,699.78
10,000.00	3,740.05	1,220.19	4,960.24	900.00	4,060.24
208,099.41	74,512.66	30,373.05	104,885.71	13,526.90	91,358.81
93,295.61	23,951.72	12,449.66	36,401.38	3,615.00	32,786.38
10,691.59	2,461.88	1,051.77	3,513.65		3,513.65
		108,535.66	108,535.66		108,535.66
20,548.18	1,077.83	1,673.23	2,751.06	798.00	1,953.06
36,015.00	27,232.78	5,198.38	32,431.16	1,434.75	30,996.41
303,250.46	27,777.43	25,397.07	53,174.50	13,750.00	39,424.50
	31,225.25	33,431.64	64,656.89		64,656.89
290,500.00	119,742.82	44,504.05	164,246.87	21,983.47	142,263.40

Fund and donor	Purpose
Library of Congress Trust Fund, U.S. Treasury investment accounts—Continued	
Reid (Samuel Chester) Trust Fund	Provision of a yearly grant to a "promising, talented, and creative writer of the American Scene"
Roberts Fund, established under bequest of Margaret A. Roberts	Benefit of the Library of Congress, its collections, and its services
Scala (Norman P.) Memorial Fund, established under bequest of Norman P. Scala	Arrangement, editing, and publication of materials in the Scala bequest
Sonneck Memorial Fund, established by the Beethoven Association	Aid and advancement of musical research
Spivacke (Harold and Rose Marie) Fund	Purchase of books, manuscripts, and other materials for the Music Division
Stern (Alfred Whital) Memorial Fund, established by the family of the late Alfred Whital Stern	Maintenance of and addition to the Alfred Whital Stern Collection of Lincolniana, including the publication of guides and reproductions of parts of the collection
Swann (Caroline and Erwin) Memorial Fund	Maintenance of an exhibit of cartoon and caricature originals
Whittall (Gertrude Clarke) Poetry and Literature Fund	Development of appreciation and understanding of good literature and poetry in this country, and for the presentation of literature in general
Whittall (Gertrude Clarke) Foundation, established by Gertrude Clarke Whittall	Maintenance of collection of Stradivari instruments and Tourte bows given by Mrs. Whittall, and presentation of programs in which those instruments are used
Wilbur, James B.	
Donation	Reproduction of manuscript sources on American history in European archives
Bequest	Establishment of a chair of geography
Bequest	Preservation of source materials for American history
Total, U.S. Treasury investment accounts	
Library of Congress Trust Fund, bank investment department accounts	
Huntington, Archer M.[9]	Equipment for and maintenance of the Hispanic Society Room, and maintenance of a chair of English-language poetry

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[9] Investments held by the Bank of New York valued at approximately $1,586,000; half of the income accrues to the Library of Congress.

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
$74,126.07	$16,565.22	$10,221.39	$26,786.61	$4,500.00	$22,286.61
62,703.75	56,314.68	10,090.63	66,405.31		66,405.31
92,228.85	29,672.45	8,053.68	37,726.13	33,021.99	4,704.14
12,088.13	14,522.35	1,528.06	16,050.41		16,050.41
21,913.00	1,916.91	2,673.74	4,590.65		4,590.65
27,548.58	10,082.21	3,787.20	13,869.41	820.20	13,049.21
500,000.00	130,824.39	83,022.23	213,846.62	80,074.96	133,771.66
957,977.79	236,311.41	129,424.67	365,736.08	165,156.06	200,580.02
1,538,609.44	154,625.08	187,707.29	342,332.37	253,921.95	88,410.42
192,671.36	67,840.38	21,398.46	89,238.84	(3,599.50)	92,838.34
81,856.92	22,174.32	8,181.06	30,355.38	11,777.78	18,577.60
31,285.29	12,231.34	3,453.71	15,685.06	852.56	14,832.49
6,068,461.18	1,444,140.04	1,281,005.66	2,725,145.70	789,759.54	1,935,386.16
	39,454.04	46,548.25	86,002.29	45,415.58	40,586.71

Fund and donor	Purpose
Library of Congress Trust Fund, bank investment department accounts – Continued	
Kindler Foundation Trust Fund	To sponsor an annual concert and to commission the composition of music
McKim Fund, established under bequest of Mrs. W. Duncan McKim[7]	Support of the composition and performance of chamber music for violin and piano and of related activities
Total, bank investment department accounts……	
Library of Congress Gift Fund	
Africana Acquisitions Fund	Purchase of publications for the Africana Collection
Alaska, State of	Furtherance of a cooperative project for the arrangement, description, and microfilming of the records of the Russian Orthodox Greek Catholic Church of North America, Diocese of Alaska
American Association for the Advancement of Slavic Studies	Toward preparation of a bibliography of Slavic and East European studies
American Bar Association	Toward the purchase of a rare law book
American Council of Learned Societies	Furtherance of a program for the acquisition of publications from Europe
American Folklife Center, various donors	Toward expenses of the Center
American Institute of Architects Foundation, Inc.	Preservation of drawings from the 1792 competition for designs for the Capitol and the President's House
American Library Association	For use by the director of the Processing Department
American Psychological Association	Furtherance of work in the Manuscript Division in connection with the Archives of the Association
American-Scandinavian Foundation	Expenses of a symposium on Scandinavian children's literature
American Sociological Association	To facilitate the organization of ASA materials
Annenberg Fund, Inc.	Support of the Book Garden

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[7] Bequest of Mrs. W. Duncan McKim, principally in the form of securities, valued at approximately $1,360,000, held by the American Security and Trust Company for the Trust Fund Board. All the income accrues to the Library of Congress. Income invested in short-term securities is valued at approximately $131,000.

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
		$9,000.00	$9,000.00	$6,377.70	$2,622.30
	$71,401.26		71,401.26	67,838.14	3,563.12
	110,855.30	55,548.25	166,403.55	119,631.42	46,772.13
	430.32		430.32		430.32
	4,000.00		4,000.00		4,000.00
	180.14	4,500.00	4,680.14		4,680.14
		1,000.00	1,000.00		1,000.00
	116.00		116.00	116.00	
	1,578.47	2,008.50	3,586.97	1,505.26	2,081.71
	3,315.48	[a](300.00)	3,015.48		3,015.48
	596.87	250.00	846.87	567.48	279.39
	1,400.00	500.00	1,900.00		1,900.00
	2,904.97	[b](2,904.97)			
		1,000.00	1,000.00		1,000.00
	13,334.00	6,666.00	20,000.00		20,000.00

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[a] Reflects transfer of previous year's Federal Library Committee receipts.
[b] Reflects transfer of previous year's receipts to the Center for the Book.

Fund and donor	Purpose
Library of Congress Gift Fund—Continued	
Association for Asian Studies	Expenses of Library of Congress New Delhi Field Office staff member while in the United States
Baker and Taylor Company	For use by the Office of the Associate Librarian for National Programs
	Expenses of the Library of Congress reception at the American Library Association Midwinter Conference
Belmear (Herbert W.) Memorial Fund	For use by employees in emergency situations
Business Week Magazine	For use by the Copyright Office
Cafritz (Morris and Gwendolyn) Foundation	Seminars to commemorate or celebrate important events or persons
	Support of the opening program for the Performing Arts Library in the John F. Kennedy Center for the Performing Arts
	Support of the Council of Scholars
	Support of a two-volume guide to visual resources in the Prints and Photographs Division, *Washingtoniana*
Center for the Book, various donors	Expenses of the Center
Centro Venezolano Americano	Support of activities relating to the special collections
Childs (James Bennett) Fund	Support of publications and programs concerning government documents
Clarke, Gertrude, estate of	Expenses of a suitable memorial for Gertrude Clarke Whittall
Congressional Continuing Education Fund, various donors	Toward expenses of programs offered by the Congressional Research Service to members of Congress and their staffs
Council of Scholars Fund	To support activities of the council
Council on Library Resources, Inc.	To facilitate the sale of machine-readable cataloging records and information
	Support of the Linked Systems Project

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
		$2,000.00	$2,000.00	$2,000.00	
	$2,315.67	495.00	2,810.67	1,706.24	$1,104.43
		10,000.00	10,000.00	10,000.00	
	215.00	200.00	415.00	100.00	315.00
	3,212.14	2,155.55	5,367.69	3,865.75	1,501.94
	22,314.31		22,314.31	1,636.50	20,677.81
	7,767.18		7,767.18	1,653.70	6,113.48
	3,659.64	507.38	4,167.02	1,338.87	2,828.15
	148,119.66	99,700.00	247,819.66	102,917.94	144,901.72
	61,955.04	131,047.07	193,002.11	88,622.77	104,379.34
	15,526.15	35,898.82	51,424.97	25,585.28	25,839.69
	1,893.02		1,893.02	380.00	1,513.02
	5,000.00		5,000.00		5,000.00
	10,715.11	1,772.74	12,487.85	1,659.82	10,828.03
	13,454.32	55,000.00	68,454.32	4,894.91	63,559.41
	7,662.09		7,662.09	477.91	7,184.18
	43,024.90	75,000.00	118,024.90	74,225.65	43,799.25

Fund and donor	Purpose
Library of Congress Gift Fund—Continued	
Council on Library Resources, Inc.—Continued	Toward expenses of a symposium on "Public Lending Right"
Croft (William and Adeline) Fund	Furtherance of the Library's music programs and acquisitions for the music collection
Documents Expediting Project, various contributors	Distribution of documents to participating libraries
Engelhard (Charles W.) Fund	Chair of history or literature in his memory
Evans (Luther H.) Memorial Fund	Purchase of materials for the collections that foster world peace and understanding
Exxon Educational Foundation	Toward expenses of the Council of Scholars Symposium on Work
Federal Library Committee, various donors	Expenses of the committee
Feinberg (Lenore B. and Charles E.) Fund	Purchase of books, manuscripts, and other materials by and about Walt Whitman and other American writers
Finlandia Foundation, Inc.	Purchase of noncurrent materials in the Finnish field
Ford Foundation	Support of a revised and enlarged edition of Edmund C. Burnett's *Letters of Members of the Continental Congress*
Foreign program, various contributors	Support of the program for cataloging material purchased under Public Law 480 in Israel
	Support of the program for the purchase of material in Bangladesh under Public Law 480
	Support of the program for the purchase of material in foreign countries under Public Law 480
	Fiscal year 1983
	Fiscal year 1984
	Acquisition of publications from Southeast Asia
	Acquisitions of publications from Brazil

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
	$542.00		$542.00	$542.00	
	1,536.29	$25,000.00	26,536.29	26,019.55	$516.74
	12,263.80	159,831.49	172,095.29	124,579.76	47,515.53
	21,283.37	30,000.00	51,283.37	35,555.18	15,728.19
	850.00	[10] (100.00)	750.00		750.00
		10,000.00	10,000.00		10,000.00
	83,018.05	219,275.00	302,293.05	98,447.08	203,845.97
	157.97		157.97		157.97
	107.55		107.55	107.55	
	5,662.51		5,662.51	300.45	5,362.06
	3,496.60		3,496.60	1,127.21	2,369.39
	9,103.41	7,167.00	16,270.41	10,185.70	6,084.71
	16,500.00		16,500.00	16,500.00	
		18,000.00	18,000.00		18,000.00
	152,895.66	88,588.00	241,483.66	119,884.27	121,599.39
	809.38		809.38	198.55	610.83

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[10] Reflects correction of prior year's receipts.

Fund and donor	Purpose
Library of Congress Gift Fund—Continued	
Foreign program, various contributors—Continued	Acquisition of publications from Sri Lanka
	Acquisition of publications from the Middle East
	Acquisition of publications from Nepal
	Acquisition of publications from Burma
Forest Press, Inc.	Toward the cost of a five-year project to edit the 19th edition of the *Dewey Decimal Classification*
Friends of Music, various donors	Furtherance of music
Friends of the Folk Archive, various donors	Expenses of the Archive of Folk Song
Gish (Lillian) Foundation	Furtherance of the Library's programs
Goff (Frederick R.) Memorial Fund	Acquisition of materials for the rare book collection and special collections of the Library
Gottscho (Samuel H.) Fund	Acquisition of photographic negatives from the Gottscho-Schleisner Archives
Heineman Foundation	Purchase of Library material of special interest to the Music Division
Hispanic Publication Fund, various donors	For use by the Librarian in the support of Hispanic activities of the Library
Insurance Company of North America	Furtherance of the Library's preservation program
IBM Corporation	Toward preparation of the Charles Eames Collection
Kennedy (John F.) Center for the Performing Arts	Purchase of library materials for the center
Knight, John	Furtherance of the Library's program for the blind
League of Arab States	Support of conference on Arab-American literature
Librarian's Office, various donors	Purchase of special material for the office
	Toward expenses of support services
Loeffler, Elise Fay, bequest	Purchase of music

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
	$9,262.97	$11,799.00	$21,061.97	$24,180.24	[11] ($3,118.27)
	109,372.81	301,817.95	411,190.76	224,427.73	186,763.03
	17,139.33	13,947.00	31,086.33	20,083.25	11,003.08
	500.00		500.00	(300.00)	800.00
	25,713.24	82,681.00	108,394.24	82,728.21	25,666.03
	4,007.65	2,000.00	6,007.65		6,007.65
	2,971.77	1,724.56	4,696.33		4,696.33
	24,894.08	1,723.00	26,617.08	2,183.71	24,433.37
	3,350.00		3,350.00	2,904.00	446.00
	3,485.36		3,485.36	3,485.36	
	1,101.98	5,000.00	6,101.98	5,397.16	704.82
	4,664.89	763.40	5,428.29	3,760.47	1,667.82
	9,993.92		9,993.92	3,231.27	6,762.65
	146,502.54		146,502.54	32,848.09	113,654.45
	.30		.30	.30	
	75.27		75.27		75.27
	6,540.44		6,540.44	(3,151.70)	9,692.14
	34,494.59	4,926.01	39,420.60		39,420.60
	23,020.95	6,992.00	30,012.95		30,012.95
	544.82	62.68	607.50		607.50

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[11] Accounts receivable at fiscal year end in excess of this balance are not included in this statement.

Fund and donor	Purpose
Library of Congress Gift Fund—Continued	
Louchheim, Katie S.	Processing her papers in the Manuscript Division
Louchheim (Katie and Walter) Fund	Distribution of tape recordings of concerts to broadcasting stations
Luce, Clare Boothe	Furtherance of the work of organizing her personal papers in the Library of Congress
Luce, Henry R.	Furtherance of the work of organizing the Clare Boothe Luce papers in the Library of Congress
Mellon (Andrew W.) Foundation	Support of internships in preservation administration and science
Middle East Studies Association	Expenses of the Near East Union List Project
Morrow (Malcolm) Memorial Fund	Acquisition of scientific materials for the collections of the Library
Mumford (L. Quincy) Memorial Fund	Purchase of retrospective children's literature for addition to the collections
Naval Historical Foundation	Processing the Naval Historical Foundation Collections deposited in the Library of Congress
Organization of American States	Preparation of a third edition of the *National Directory of Latin Americanists*
Pickford (Mary) Foundation	Support of programs related to the history and development of the motion picture industry
Pickford (Mary) Theater Dedication Fund	Expenses of dedicating the Mary Pickford Theater
Portner (Mildred Chaffin) Fund	Toward expenses to retain in a consulting capacity experts in the preservation of records created by the Library of Congress
Program for the blind, various donors	Furtherance of the Library's program for the blind
Radio Corporation of America	For use by the Music Division
Research Libraries Group, various donors	Acquisition of publications from Eastern Africa

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
	$429.28		$429.28		$429.28
	3,750.45	[12] $5,900.97	9,651.42	$7,708.37	1,943.05
	4,447.05		4,447.05		4,447.05
	1,884.46		1,884.46		1,884.46
		35,000.00	35,000.00		35,000.00
	5,024.59	25,000.00	30,024.59	30,024.59	
	345.00		345.00	174.00	171.00
	590.00	1,000.00	1,590.00		1,590.00
	610.98		610.98		610.98
	7,122.16		7,122.16	7,122.16	
	9,822.31	21,088.20	30,910.51	19,142.40	11,768.11
	1,125.01		1,125.01	1,125.01	
	2,705.00	1,750.00	4,455.00		4,455.00
	1,914.90	20,646.00	22,560.90	9,956.95	12,603.95
	2,186.32	1,692.54	3,878.86	2,050.13	1,828.73
	12,653.69	5,894.00	18,547.69	9,283.17	9,264.52

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[12] Does not include securities, valued at approximately $72,000, held by the American Security and Trust Company for the Trust Fund Board. All of the income accrues to the Library of Congress.

Fund and donor	Purpose
Library of Congress Gift Fund—Continued	
Ross (Arthur) Foundation	Expenses of a reception to celebrate the publication of *The Library of Congress: Its Architecture and Decoration*
Rowman and Littlefield, Inc.	Editing and preparation costs in connection with the quinquennial edition of the Library of Congress *National Union Catalog*
	Preparation cost in connection with the filming of the *Slavic (Cyrillic) Union Catalog*
Schwartz (Bern) Photographic Fund	Acquisition of original photographic prints, negatives, and transparencies
Sham, Donald	Purchase of backup microfilm copies of damaged volumes in the Law Library
Stachura (Leonard R.) Fund	To provide books in braille or tapes in the areas of American and world literature, biography, travel, and history
Stern (Alfred Whital) Publication Fund	Toward expenses of cataloging the Alfred Whital Stern Collection of Lincolniana
Surplus Book Disposal Project, various donors	Toward expenses of the project
Swann (Caroline and Erwin) Memorial	To purchase animated satiric cartoons
Time-Life Books, Inc.	Purchase of library materials for the collections of the Rare Book and Special Collections Division
Tinker Foundation	Support of the third edition of the *National Directory of Latin Americanists*
United States-Spanish Committee for Educational and Cultural Affairs	Support of Spanish scholars of the Council of Scholars
United Technologies	Support of the American Cowboy Exhibition
Waters (Edward N.) Fund	Publication of facsimiles of rare and significant items, especially manuscripts, in the Music Division
Wilkins, Emily Howell, estate of	Purchase of antique stringed musical instruments
Wilson, Donald T.	Toward development of the Islamic legal collection of the Near Eastern and African Law Division

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
	$2,772.96		$2,772.96		$2,772.96
	86,503.69		86,503.69	$14,549.33	71,954.36
	10,000.00		10,000.00		10,000.00
	775.10	$5,000.00	5,775.10		5,775.10
	41.87		41.87	41.87	
		42,000.00	42,000.00		42,000.00
	4,488.51	70.00	4,558.51		4,558.51
	23,537.89	15,322.66	38,860.55	24,763.13	14,097.42
		2,858.75	2,858.75		2,858.75
	6,944.50	1,500.0	8,444.50		8,444.50
	23,917.28		23,917.28	23,917.28	
				(290.00)	290.00
	1,823.07		1,823.07	1,823.07	
	1,350.00		1,350.00		1,350.00
	5,000.00		5,000.00		5,000.00
		200.00	200.00	40.00	160.00

Fund and donor	Purpose
Library of Congress Gift Fund—Continued	
Yomiuri Shimbun	Support of the exhibit "Words in Motion: Modern Japanese Calligraphy" and related events at the Library of Congress
Total, Library of Congress Gift Fund	
Revolving fund service fees	
American Folklife Center	Support of publications and related expenses
Cafritz Foundation Scholarly Activities Fund	Support of publication of Library exhibit catalogs and related expenses
Clapp (Verner W.) Publication Fund	Support of publications
Da Capo Fund	Support of concerts, publications, recordings, and broadcasts relating to Music Division programs and collections
Frissell (Toni) Fund	Maintenance of the Toni Frissell Collection of photographs in the Library of Congress
Green (Constance McLaughlin) Revolving Fund	Support of materials related to the Library of Congress and its collections
Photoduplication Service	Support of reproduction of materials in various forms
Pickford (Mary) Company	Support of the preservation of motion picture and television program films from nonprofit film archives
Recording Laboratory	Support of reproduction of materials in recorded form
Traveling Exhibits Fund	Support of traveling exhibits
Various Donors	Conversion of motion picture film to a safety base
Total service fees	
Total, all gift and trust funds	

Principal	Unobligated balance from previous year	Income or receipts 1984	Total available for obligation	Obligated 1984	Unobligated balance forwarded to 1985
		$40,000.00	$40,000.00	$31,574.42	$8,425.58
	1,332,320.05	1,642,617.30	2,974,937.35	1,341,485.35	1,633,452.00
	$28,711.59	60,579.95	89,291.54	69,827.84	19,463.70
	17,065.51	30,741.71	47,807.22	26,547.82	21,259.40
	42,243.84	127,140.87	169,384.71	105,603.57	63,781.14
	62,464.16	85,363.29	147,827.45	66,407.63	81,419.82
	1,359.27	200.00	1,559.27	491.57	1,067.70
	29,203.38	122,626.07	151,829.45	140,683.26	11,146.19
	997,481.69	4,525,564.80	5,523,046.49	4,056,360.58	1,466,685.91
	1,508.75		1,508.75		1,508.75
	125,957.79	345,509.82	471,467.61	296,162.81	175,304.80
	10,477.53	100,959.25	111,436.78	68,805.91	42,630.87
	44,502.69	49,060.52	93,563.21	71,121.90	22,441.31
	1,360,976.20	5,447,746.28	6,808,722.48	4,902,012.89	1,906,709.59
	4,251,234.64	8,429,357.27	12,680,591.91	7,156,847.79	5,523,744.12

SUMMARY OF TREASURY INVESTMENT

Permanent loan principal	
Balance October 1, 1984	$5,115,347.71
Plus additions:	
December 2, 1983	1,000.00
April 17, 1984	16,000.00
August 22, 1984	25,000.00
Less deduction:	
February 1, 1984	(500,000.00)
8½% market bonds due May 15, 1994–99, purchased on January 7, 1976 (face value $1,340,000)	
Permanent loan balance September 30, 1984	4,657,347.71
Income invested in market notes:	
14⅝%, due June 30, 1984 (face value $55,000)	59,142.19
12⅛%, due September 30, 1984 (face value $1,072,000)	1,068,721.61
Income invested in market bills:	
8.64%, due March 29, 1984 (face value $25,000)	24,034.00
9.72%, due September 27, 1984 (face value $125,000)	122,873.75
9.97%, due September 27, 1984 (face value $30,000)	29,185.78
	1,303,957.33

Appendix 10

AND RELATED INCOME

Interest on permanent loan	Interest on 8½% market bonds due May 15, 1994–99 (net)	Interest on short-term securities	Total income fiscal 1984
	$111,678.06		
$583,961.13			
		$3,764.07	
		97,695.93	
		966.00	
		2,126.25	
		814.22	
583,961.13	111,678.06	105,366.47	801,005.66

Appendix 11

Legislation

Public Law 98–367, approved July 17, 1984, made appropriations for fiscal year 1985 through September 30, 1985, for the legislative branch. This act provides funds for the Library of Congress as follows:

Salaries and Expenses	
Library of Congress	$137,492,000
Copyright Office	17,102,000
Congressional Research Service	39,833,000
Bocks for the blind and physically handicapped	36,592,000
Collection and distribution of library materials	3,318,000
Furniture and furnishings	1,673,000

Public Law 98–396, approved August 22, 1984. made supplemental appropriations for fiscal year 1984. The act appropriated the following amounts:

Architect of the Capitol	
Renovation and restoration of Jefferson and Adams buildings	81,500,000
Library of Congress	
Mass Book Deacidification Facility	11,500,000
Increased pay cost	3,601,000

Public Law 98–392, approved August 21, 1984, authorized appropriations for the American Folklife Center for fiscal years 1985 and 1986.

Public Law 98–427, approved September 28, 1984, authorized and directed the Librarian of Congress to proceed with construction of the Library of Congress Mass Book Deacidification Facility.

Appendix 12

Exhibits

NEW MAJOR EXHIBITIONS

AMITY AND COMMERCE: 150 YEARS OF THE UNITED STATES AND THAILAND ACCORD. Featured a copy of the treaty between the two countries, as well as other historical documents, musical instruments, manuscripts, maps, photos, rare books, and art objects. October 1983 to June 1984.

STEAMER PRINTS. Fifty nineteenth-century prints portraying the great ships that helped tie the nation and continents together. October 1983 to April 1984.

HABS: THE FIRST FIFTY YEARS. Measured drawings, photos, and watercolors from the Historic American Buildings Survey Collection in the Library's Prints and Photographs Division. November 1983 to April 1984.

THE PENNELL LEGACY: TWO CENTURIES OF PRINTMAKING. More than 250 fine prints were assembled to pay tribute to Joseph Pennell, a printmaker and collector who bequeathed to the Library of Congress his and his wife's collections of books, manuscripts, photographs, and printmaking plates and who established the Library's Pennell Fund for the purchase of fine prints. December 1983 to June 1984.

THE POSTER AS ART IN THE 1890s. A sampling of twenty-seven rare posters that combined art with advertising to create a new artistic movement. Opened January 1984.

WIT'S END: DRAWINGS FROM THE SWANN COLLECTION OF CARICATURE AND CARTOONS. The second installation of a continuing exhibit in the Swann Gallery includes forty-eight items from the collection. Opened February 1984.

ACSM AWARD WINNERS. More than fifty winning entries from the annual competition of the American Congress on Surveying and Mapping, displayed in honor of the tenth anniversary of the ACSM map design competition. Opened March 1984.

WHITE HOUSE NEWS PHOTOGRAPHERS 41ST ANNUAL EXHIBITION. On view are 163 award-winning photographs in color and black and white, as well as news videotapes. Opened April 1984.

THE GRAND INTERPRETERS: PERSONALITIES IN OPERA IN AMERICA. Celebrating the centennial tour of the Metropolitan Opera Company, the exhibit features more than a hundred photos of opera stars from the Library's Charles Jahant Collection, together with scores by American composers and costumes, costume designs, and set designs on loan from the Metropolitan Opera. Opened April 1984.

THE TRUMAN ERA: ISSUES AND IMAGES. Fifty original political cartoons are exhibited to mark the centennial of the birth of Harry S. Truman. Opened May 1984.

WORDS IN MOTION: MODERN JAPANESE CALLIGRAPHY. Cosponsored by *Yomiuri Shimbun*, a leading Japanese newspaper, the exhibit includes more than 130 examples of calligraphic art by contemporary Japanese masters. June 1984 to September 1984.

IMAGES OF THE WORLD: THE ATLAS THROUGH HISTORY. More than two hundred atlas volumes and plates from the late fifteenth century to the present illustrate the expansion of geographic and scientific knowledge. Opened August 1984.

SPECIAL EXHIBITS:

TWELFTH ANNUAL LC EMPLOYEE ART AND CRAFT SHOW. December 1983 to February 1984.

CHRONOLOGICAL HISTORY CHART OF THE WORLD. Opened December 1983.

PARAMOUNT STUDIOS: THE FIRST 30 YEARS. January 1984 to September 1984.

ALL TALKING, ALL SINGING, ALL DANCING: EARLY HOLLYWOOD MUSICALS. January 1984 to April 1984.

FLIGHT IN FILM. Opened September 1984.

CONTINUING MAJOR EXHIBITS

THE AMERICAN COWBOY. Closed October 1983.

WHITE HOUSE NEWS PHOTOGRAPHERS 40TH ANNUAL EXHIBITION. Closed October 1983.

CELEBRATION OF THE GERMAN TRICENTENNIAL. Closed October 1983.

MAPPING THE NORTH AMERICAN PLAINS. Closed November 1983.

ART, POETRY, AND A WAY TO BROOKLYN. Closed January 1984.

LEWIS HINE, REFORMER WITH A CAMERA. Closed January 1984.

RAILROAD MAPS OF NORTH AMERICA, THE FIRST HUNDRED YEARS. Closed April 1984.

CONTINUING SPECIAL EXHIBITS

LEVINE, OSBORN, AND SOREL. Closed February 1984.

TRAVELING EXHIBITS

THE AMERICAN COWBOY. Shown in San Antonio, Texas; Denver, Colorado; Calgary, Canada; and San Jose, California.

AUTOCHROMES: COLOR PHOTOGRAPHY COMES OF AGE. Shown in Tampa, Florida; Birmingham, Alabama; San Diego, California; Spokane, Washington; Nashville, Tennessee; and Vancouver, Canada.

WOMEN LOOK AT WOMEN. Shown in Minneapolis-St. Paul, Minnesota.

WHITE HOUSE NEWS PHOTOGRAPHERS 39TH ANNUAL EXHIBITION. Shown in American Embassies in Southeast Asia.

WHITE HOUSE NEWS PHOTOGRAPHERS 40TH ANNUAL EXHIBITION. Shown in San Bernardino, California; Odessa, Texas; Tulsa, Oklahoma; and Wisconsin Rapids, Wisconsin.

GENERATION TO GENERATION: SHARING THE INTANGIBLE. Shown in Lexington, Kentucky; New York, New York; Lafayette, Indiana; and Oneonta, New York.

HOUSES OF JUSTICE: COUNTY COURT ARCHITECTURE. Shown in Marshal, Minnesota.

THE CELEBRITY PHOTOGRAPHS OF ARNOLD GENTHE. Shown in Flint, Michigan; National Portrait Gallery, Washington, D.C.; and San Francisco, California.

LEWIS HINE, REFORMER WITH A CAMERA. Shown in Pittsburgh, Pennsylvania; Little Rock, Arkansas; and Columbus, Ohio.

AMERICA IN THE WAR. Shown in Cleveland, Ohio, and Austin, Texas.

CURRIER & IVES REVISITED. Shown in Kansas City, Missouri; Auburn, New York; Madison, Wisconsin; Hood River, Oregon; and Concord, Massachusetts.

EXHIBITS DEVELOPED FOR TRAVELING

HABS: THE FIRST FIFTY YEARS.

Appendix 13

Concerts, Lectures, and Other Programs

CONCERTS

Presented under the Auspices of the Elizabeth Sprague Coolidge Foundation

1983

NOVEMBER 11. Jan DeGaetani, mezzo-soprano; Walter Trampler, viola; Lee Luvisi, piano.

DECEMBER 9. The Elmer Iseler Singers.

1984

MARCH 9. The Berlin Piano Trio.

SEPTEMBER 14. The Academy of Ancient Music Chamber Ensemble, Christopher Hogwood, director. Lecture by Robert Marshall, Harold Spivacke Consultant to the Music Division.

SEPTEMBER 21. Phyllis Bryn-Julson, soprano; James Tocco, piano.

Presented under the Auspices of the Gertrude Clarke Whittall Foundation

1983

OCTOBER 6 & 7. The Juilliard String Quartet with Stanley Drucker, clarinet.

OCTOBER 13 & 14. The Juilliard String Quartet with Michael Tree, viola.

OCTOBER 20 & 21. The Juilliard String Quartet.

NOVEMBER 4. The Arioso Trio.

NOVEMBER 18. Aurora Natola-Ginastera, violoncello; Jonathan Feldman, piano.

DECEMBER 2. The Cantilena Chamber Players.

DECEMBER 17 & 18. The Juilliard String Quartet.

1984

JANUARY 27. Eugene List, piano; Gudney Gudmundsdottir, violin; and chamber ensemble.

MARCH 16. The Enesco Quartet.

MARCH 29 & 30. The Juilliard String Quartet with Menahem Pressler, piano.

APRIL 5 & 6. The Juilliard String Quartet.

APRIL 12 & 13. The Juilliard String Quartet.

APRIL 19 & 20. The Juilliard String Quartet with Robert McDonald, piano.

SEPTEMBER 27 & 28. The Juilliard String Quartet.

SEPTEMBER 29. George and Ira Gershwin Celebration Concert.

Presented under the Auspices of the Gertrude Clarke Whittall Foundation and the Elizabeth Sprague Coolidge Foundation

1983

DECEMBER 14. Speculum Musicae, with John Garrison, tenor, and David Starobin, guitar.

1984

JANUARY 18. The Washington Music Ensemble; the Colorado Quartet.

Presented under the Auspices of the McKim Fund

1983

OCTOBER 1. Mihaela Martin, violin; Paul Ostrovsky, piano.

1984

MARCH 23. Earl Carlyss, violin; Ann Schein, piano.

Presented under the Auspices of the McKim Fund and the Elizabeth Sprague Coolidge Foundation

1984

SEPTEMBER 14. The Academy of Ancient Music Chamber Ensemble, Christopher Hogwood, director.

Presented under the Auspices of the William and Adeline Croft Fund

1984

FEBRUARY 9 & 10. The Beaux Arts Trio.

FEBRUARY 16 & 17. The Beaux Arts Trio.

FEBRUARY 23 & 24. The Beaux Arts Trio.

MARCH 1 & 2. The Beaux Arts Trio.

Presented under the Auspices of the Mae and Irving Jurow Fund

1984

FEBRUARY 3. New York Chamber Soloists.

Presented under the Auspices of the Boris and Sonya Kroyt Memorial Fund

1983

OCTOBER 15. The Ridge Quartet.

THE SATURDAY SERIES

Presented under the Auspices of the Elizabeth Sprague Coolidge Foundation, the Gertrude Clarke Whittall Foundation, the McKim Fund, the Kroyt Fund, and the Da Capo Fund

1983

NOVEMBER 18. Music from Marlboro.

1984

JANUARY 28. Music from Marlboro.

FEBRUARY 4. Steven Hough, piano.

FEBRUARY 18. Music from Marlboro.

MARCH 10. Henry Herford, baritone; Robin Bowman, piano.

MARCH 17. Jan Opalach, bass-baritone; Jeffrey Goldberg, piano.

MARCH 31. Thomas Riebl, viola; Deborah Sobol, piano.

APRIL 7. The Jubal Trio.

APRIL 28. Music from Marlboro.

MAY 12. The Colorado String Quartet.

THE SIXTEENTH COOLIDGE FESTIVAL OF CHAMBER MUSIC

Presented under the Auspices of the Elizabeth Sprague Coolidge Foundation, the Gertrude Clarke Whittall Foundation, the McKim Fund, the Da Capo Fund, and the Serge Koussevitzky Music Foundation

OCTOBER 28. The Contemporary Chamber Ensemble, Arthur Weisberg, director.

OCTOBER 29, 3 p.m. János Négyesy, violin; Cecil Lytle, piano; Benjamin Hudson, violin; Alan Feinberg, piano.

OCTOBER 29, 8 p.m. The New Amsterdam Ensemble, with Elmar Oliveira, violin; Walter Ponce, piano; and Frederick Zlotkin, violoncello.

OCTOBER 30. The Theater Chamber Players of Kennedy Center, Leon Fleisher/Dina Koston, directors.

OCTOBER 31. The Concord String Quartet.

THE CELLO—A TWENTIETH-CENTURY AMERICAN RETROSPECTIVE

Presented under the Auspices of the Elizabeth Sprague Coolidge Foundation, the Gertrude Clarke Whittall Foundation, and the Da Capo Fund

JANUARY 11. Joel Krosnick and Gilbert Kalish with Gordon Gottlieb, percussion; Meet the Composer lecture-demonstration with Robert Mann and Donald Martino.

MARCH 14. Joel Krosnick and Gilbert Kalish with Samuel Rhodes, viola.

THE FIRST FESTIVAL OF AMERICAN CHAMBER MUSIC

Presented under the Auspices of the Elizabeth Sprague Coolidge Foundation, the Gertrude Clarke Whittall Foundation, the McKim Fund, the Scala Fund, and the Da Capo Fund

APRIL 27. The National Gallery Chamber Orchestra.

MAY 4. MusicCrafters, Frederick Fennell, conductor.

MAY 11. Paul Sperry, tenor; Irma Vallecillo, piano.

MAY 18. Rafael Druian, violin; Benjamin Pasternack, piano.

MAY 19. Maryvonne Le Dizes-Richard, violin; Jean-Claude Henriot, piano.

MAY 25. The American String Quartet.

THE LIBRARY OF CONGRESS SUMMER CHAMBER FESTIVAL

Presented under the Auspices of the Elizabeth Sprague Coolidge Foundation, the Gertrude Clarke Whittall Foundation, the McKim Fund, the Scala Fund, and the Da Capo Fund

JUNE 12, 15, 19, 22, and 26, 1984

POETRY READINGS, LECTURES, AND DRAMATIC PERFORMANCES

1983

OCTOBER 3. Anthony Hecht, 1982–84 Consultant in Poetry, reading his poems.

1984

APRIL 26. Morey D. Rothberg, recipient of J. Franklin Jameson Fellowship, lecture, "John Franklin Jameson and the Incorporation of American Historical Scholarship."

MAY 7. Anthony Hecht, lecture, "The Pathetic Fallacy."

Presented under the Auspices of the Gertrude Clarke Whittall Poetry and Literature Fund

1983

OCTOBER 18. Peter Davison and Nancy Willard reading their poems.

OCTOBER 25. "An Evening of Literature and Music," with pianist Frank Glazer and Anthony Hecht.

NOVEMBER 1. Reed Whittemore, lecture, "William Carlos Williams: 'The Happy Genius of the Household.' "

NOVEMBER 8. Ray Handy in a dramatic reading of *In Parenthesis*, by David Jones.

NOVEMBER 14–15. Academy of American Poets Fiftieth Anniversary Celebration. Readings by Robert Fitzgerald, Daniel Hoffman, John Hollander, Stanley Kunitz, William Meredith

(Mr. Meredith's poem was read by Anthony Hecht), James Merrill, W. S. Merwin, Howard Nemerov, Mark Strand, May Swenson, Mona Van Duyn, David Wagoner, Robert Penn Warren, and Richard Wilbur.

NOVEMBER 29. Sydney Lea and David St. John reading their poems.

DECEMBER 5. Shirley Hazzard reading from her work.

1984

FEBRUARY 13 and 14. "An Evening with Pat Hingle in 'Thomas Edison: Reflections of a Genius.' "

FEBRUARY 27. Amy Clampitt and Robert Pinsky reading their poems.

MARCH 26 and 27. The Harold Clurman Theatre's production of three plays by Samuel Beckett: *Ohio Impromptu*, *Catastrophe*, and *What Where*.

APRIL 2. Richard Ellmann, lecture, "W. B. Yeats's Second Puberty."

APRIL 9. Bernard Malamud reading from his work.

APRIL 16. Joseph Brodsky reading his poems; Anthony Hecht reading translations.

APRIL 24. Northrop Frye, lecture, "The Social Authority of the Writer."

APRIL 30 and MAY 1. Conference on George Orwell and *Nineteen Eighty-Four*. Papers by Peter Davison, Jenni Calder, Peter Stansky, Denis Donoghue, Alfred Kazin, Jeffrey Meyers, Bernard Crick, and Nathan Scott, Jr., followed by discussions.

MARY PICKFORD THEATER FILM SCREENING PROGRAMS

Series: Paramount Silents
OCTOBER 4, 1983–SEPTEMBER 28, 1984. *The Ten Commandments; Changing Husbands; So's Your Old Man; You Never Know Women; Variety; A Mormon Maid; Wagon Tracks; The New Klondike; Madame Butterfly; A Woman's Victory; The Showdown; Morals; The Breaking Point; You'd be Surprised; Too Wise Wives; Doomsday; For Heaven's Sake; Beau Geste; Conrad in Quest of His Youth; The Circus Man; The Show Off; Fool's Paradise; Manhandled; Womanhandled; Open All Night; Redskin; Grass: A Nation's Battle for Life; Code of the Sea; Lord Jim; The Canadian.*

Paramount Silents in Canada
The Silent Enemy; Mantrap.

Series: Neglected Recent Features
OCTOBER 13–26, 1983. *Mikey and Nicky; The American Success Company; Remember My Name.*

Series: Canadian Documentaries
NOVEMBER 1–DECEMBER 13, 1983. *Volcano: An Inquiry into the Life and Death of Malcolm Lowry; Lonely Boy; Paul Tomkowicz: Street-railway Switchman; Glenn Gould: Off the Record* and *Glenn Gould: On the Record; Grierson; Churchill's Island; Dreamland: A History of Early Canadian Movies, 1895–1939; Warrendale; Vietnam: The 10,000 Day War* (Episode 10: The Trail); *Sad Song of Yellow Skin; You Are on Indian Land; City of Gold; Los Canadienses; Bethune; North China Commune.*

Series: Pickford Silents
JANUARY 31–APRIL 4, 1984. *America's Sweetheart: The Mary Pickford Story; Little Annie Rooney; Rebecca of Sunnybrook Farm; Suds; Wilful Peggy; Little Lord Fauntleroy; The Poor Little Rich Girl; Pollyanna; The Mender of Nets; Daddy Long-legs; As It Is in Life; The Hoodlum; An Arcadian Maid; Sparrows.*

Series: American Society, 1950–1953.
FEBRUARY 7–APRIL 12, 1984. *The Jackpot; Crime*

Wave; Panic in the Streets; "Our Miss Brooks: "Conklin's Love Nest"; *The Mating Season; I Want You; The Hitch-hiker;* "All-star Revue: The Jimmy Durante Show"; *Face to Face with Communism; The Atomic City; Anything Can Happen; My Son John; Japanese War Bride; The Breaking Point; The Lawless; High School Hijinx; The Next Voice You Hear;* "I Led 3 Lives: Campus Story"; *The Thief; Ace in the Hole.*

Series: Technicolor Cinematographers

AUGUST 7–SEPTEMBER 25, 1984. Jack Hilyard: *Summertime;* James Wong Howe: *The Molly Maguires;* Leon Shamroy: *Call Me Madame;* Jack Cardiff: *The Master of Ballantrae;* Russell Metty: *All That Heaven Allows;* Hal Rosson: *Pete Kelly's Blues;* Ernest Laszlo: *Apache;* William Clothier: *Cheyenne Autumn;* Robert Surtees: *Quo Vadis;* Lucien Ballard; *The Raid.*

Specials

OCTOBER 31, 1983. Halloween Special: The Films of James Whale (*The Kiss before the Mirror* and *The Old Dark House*).

FEBRUARY 29, 1984. Library of Congress on Film: *The Washington Parade: The Library of Congress; Library of Congress.*

AUGUST 3, 1984. Music and the Silent Film: *The Thief of Bagdad.*

Library of Congress Publications[1]

ACCESSIONS LISTS. Subscriptions available to libraries from the Field Director, Library of Congress Office, at the addresses indicated.

BRAZIL. New Delhi-LOC, U.S. Department of State, Washington, D.C. 20520. Bimonthly.

EASTERN AFRICA. Karachi-LOC, U.S. Department of State, Washington, D.C. 20520. Bimonthly.

MIDDLE EAST. Karachi-LOC, U.S. Department of State, Washington, D.C. 20520. Bimonthly.

SOUTH ASIA. New Delhi-LOC, U.S. Department of State, Washington, D.C. 20520. Monthly.

SOUTHEAST ASIA. Karachi-LOC, U.S. Department of State, Washington, D.C. 20520. Bimonthly.

AMASSING AMERICAN STUFF: THE LIBRARY OF CONGRESS AND THE FEDERAL ARTS PROJECTS OF THE 1930s, by John Y. Cole. Reprinted from the *Quarterly Journal of the Library of Congress*, Fall 1983. 1984. 36 p. Paper. Free from the Center for the Book.

ANNUAL REPORT OF THE LIBRARIAN OF CONGRESS FOR THE FISCAL YEAR ENDING SEPTEMBER 30, 1982. 1983. 232 p. Cloth. $9.

ANTARCTIC BIBLIOGRAPHY: INDEXES TO VOLUMES 8–12. 1984. 762 p. Cloth. $21.

BOOK COLLECTING: PERSONAL REWARDS AND PUBLIC BENEFITS, by William P. Barlow, Jr. 1984. 22 p. Paper. Free from the Center for the Book.

THE BOOK ENCHAINED, by Harrison E. Salisbury. 1984. 16 p. Paper. Free from the Center for the Book.

BRAILLE BOOK REVIEW. Free from the National Library Service for the Blind and Physically Handicapped. Bimonthly. In braille and in print.

CALENDAR OF EVENTS IN THE LIBRARY OF CONGRESS. Free from the Central Services Division. Monthly.

THE CARD CATALOGS OF THE LIBRARY OF CONGRESS. 1983. 50 p. Paper. Free from the Central Services Division.

CASSETTE BOOKS, 1983. 1984. 375 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

CATALOGING SERVICE BULLETIN. Paper. Cataloging Distribution Service, $18. 4 issues.

CHILDREN'S BOOKS, 1983: A LIST OF BOOKS FOR PRESCHOOL THROUGH JUNIOR HIGH SCHOOL AGE. 1984. 16 p. Paper. $1.

CULTURAL CONSERVATION: THE PROTECTION OF CULTURAL HERITAGE IN THE UNITED STATES. 1983. 123 p. Paper. $4.50.

CZECH AND SLOVAK LITERATURE IN ENGLISH: A BIBLIOGRAPHY. 1984. 132 p. Paper. Free from the European Division.

DIGEST OF PUBLIC GENERAL BILLS AND RESOLUTIONS. Paper. Single copy prices vary.
  98th Congress, 1st session. Final issue.
  98th Congress, 2d session. First issue and one cumulative issue.

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[1] This is a list of titles issued during the fiscal year. For a more complete list see *Library of Congress Publications in Print*. Unless otherwise indicated, priced publications are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. NLS/BPH orders should be addressed to the National Library Service for the Blind and Physically Handicapped, Library of Congress, 1291 Taylor Street NW, Washington, D.C. 20542. Other requests should be addressed to the division or office listed, Library of Congress, Washington, D.C. 20540.

Payment must accompany all orders for priced publications. For foreign mailing of publications available from the Superintendent of Documents, one-fourth of the publication price should be added unless otherwise stated. Information Office and Cataloging Distribution Service prices include the cost of foreign and domestic mailing.

FEDERAL CYLINDER PROJECT. Cloth.
  Vol. 1. INTRODUCTION AND INVENTORY. 102 p. $8.50.
  Vol. 8. EARLY ANTHOLOGIES. 84 p. $8.

FEDERAL INFORMATION POLICIES: EMERGING ISSUES ON MANAGING INFORMATION RESOURCES. 1984. 16 p. Paper. Free from the Federal Library Committee.

FOR YOUNGER READERS, 1982–83. 1984. 159 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

HISTORIC AMERICA: BUILDINGS, STRUCTURES, AND SITES. 1983. 708 p. Cloth. $29.

HISTORICAL FICTION. 1983. 79 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

IGNACY JAN PADEREWSKI, 1860–1941. 1984. 32 p. Paper. Free from the European Division.

INTERNATIONAL DIRECTORY OF BRAILLE MUSIC COLLECTIONS. 1984. 41 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

INTERNATIONAL DIRECTORY OF LIBRARIES AND PRODUCTION FACILITIES FOR THE BLIND. 1984. 109 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

INTRODUCTION TO BRAILLE MUSIC TRANSCRIPTION. Addenda D–F. 1983. 53 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

KEMAL ATATÜRK: A CENTENNIAL BIBLIOGRAPHY. 1984. 211 p. Cloth. $11.

LARGE-PRINT SCORES AND BOOKS CATALOG. 1983. 65 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

LC CLASSIFICATION – ADDITIONS AND CHANGES. Paper. Cataloging Distribution Service, $12.50 per copy. Lists 210–213.

LETTERS OF DELEGATES TO CONGRESS, 1774–1789. Cloth.
  Vol. 10. June 1–September 30, 1778. 1984. 766 p. $27.

THE LIBRARY OF CONGRESS 1983. 1984. 47 p. Paper. Free from the Central Services Division.

LIBRARY OF CONGRESS ACQUISITIONS. Paper.
  GEOGRAPHY AND MAP DIVISION, 1981. 1983. 48 p. Free from the division.
  MANUSCRIPT DIVISION, 1982. 1984. 53 p. Free from the Central Services Division.
  RARE BOOK AND SPECIAL COLLECTIONS DIVISION, 1981–1982. 1984. 36 p. Free from the division.

LIBRARY OF CONGRESS INFORMATION BULLETIN. Paper. Free to publicly supported libraries from the Information Office. Weekly.

LIBRARY OF CONGRESS SELECTED PUBLICATIONS 1984. 1984. 32 p. Paper. Free from the Central Services Division.

LIBRARY OF CONGRESS SUBJECT HEADINGS IN MICROFORM. Cataloging Distribution Service, $70 a year. Quarterly.

LIBRARY RESOURCES FOR THE BLIND AND PHYSICALLY HANDICAPPED, 1984. 1984. 85 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

MAGAZINES 1983. 1984. 57 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

MONTHLY CHECKLIST OF STATE PUBLICATIONS. Paper. $33 a year.

MUSIC, BOOKS ON MUSIC, AND SOUND RECORDINGS. Paper. Cataloging Distribution Service, $105 a year. Semiannual.

THE MUSICAL MAINSTREAM. Paper. Free from the National Library Service for the Blind and Physically Handicapped. Bimonthly. In print, in braille, and on cassette.

NAME AUTHORITIES, CUMULATIVE MICROFORM EDITION. Cataloging Distribution Service, $275. Quarterly.

NATIONAL UNION CATALOG. In microfiche. Cataloging Distribution Service.
  BOOKS. $350 a year. Monthly.
  U.S. BOOKS. $220 a year. Monthly.
  AUDIOVISUAL MATERIALS. $60 a year. Quarterly.
  CARTOGRAPHIC MATERIALS. $115 a year. Quarterly.
  REGISTER OF ADDITIONAL LOCATIONS. $175 a year. Quarterly.

NATIONAL UNION CATALOG OF MANUSCRIPT COLLECTIONS, 1982, and INDEX, 1980–82. 2 v. Cataloging Distribution Service, $100.

NEW SERIAL TITLES. A UNION LIST OF SERIALS HELD BY LIBRARIES IN THE UNITED STATES AND CANADA. Paper. Cataloging Distribution Service, $350 a year. 8 monthly issues, 4 quarterly issues, and cumulation.

NEWS. Paper. Free from the National Library Service for the Blind and Physically Handicapped. Quarterly. In print and braille.

OSCAR WILDE AT OXFORD, by Richard Ellmann. 1984. 32 p. Paper. Free from the Central Services Division.

OVERSEAS OUTLOOK. Paper. Free from the National Library Service for the Blind and Physically Handicapped. Semiannual.

PANORAMIC MAPS OF CITIES IN THE UNITED STATES AND CANADA. 1984. 181 p. Paper. $6.

PRESERVATION LEAFLETS. Paper. Free from the Preservation Office.
No. 2. PAPER AND ITS PRESERVATION: ENVIRONMENTAL CONTROLS. Rev. 1983. 6 p.
No. 6. AUDIOVISUAL RESOURCES FOR PRESERVING LIBRARY AND ARCHIVAL MATERIALS. 1983. 8 p.

QUARTERLY JOURNAL OF THE LIBRARY OF CONGRESS. Published as a supplement to the *Annual Report of the Librarian of Congress*. Paper.

Ceased publication with volume 40, number 4 (Fall 1983).

RAILROAD MAPS OF NORTH AMERICA: THE FIRST HUNDRED YEARS. 1984. 186 p. Cloth. $28.

REVOLUTIONARY AMERICA, 1763–1789. 1984. 2 vols. Cloth. $38.

ROBERT LOWELL, by Anthony Hecht. 1984. 31 p. Paper. Free from the Central Services Division.

ROMANCES. 1984. 170 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

SUPPLEMENT TO LC SUBJECT HEADINGS. Paper. Cataloging Distribution Service, $60 a year. Quarterly, with annual cumulation.

TALKING BOOK TOPICS. Free from the National Library Service for the Blind and Physically Handicapped. Bimonthly. On flexible discs and in print.

TALKING BOOKS–ADULT, 1982–83. 1984. 159 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

THAT ALL MAY READ: LIBRARY SERVICES FOR BLIND AND PHYSICALLY HANDICAPPED PEOPLE. 1983. 518 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

THEORIES OF CRITICISM: ESSAYS IN LITERATURE AND ART, by M. H. Abrams and James Ackerman. 1984. 56 p. Paper. Free from the Manuscript Division.

TWO "LOAF-GIVERS," or A TOUR THROUGH THE GASTRONOMIC LIBRARIES OF KATHERINE GOLDEN BITTING AND ELIZABETH ROBINS PENNELL, by Leonard N. Beck. 1984. 223 p. Cloth. $20.

UNITED STATES–GERMAN RELATIONS PAST AND PRESENT. 1984. 28 p. Paper. Free from the European Division.

UPDATE. Paper. Free from the National Library Service for the Blind and Physically Handicapped. Quarterly. In print and braille.

U.S. BOOKS ABROAD: NEGLECTED AMBASSADORS. 1984. 95 p. Paper. Free from the Central Services Division.

VOLUNTEERS WHO PRODUCE BOOKS, 1983. 1984. 73 p. Paper. Free from the National Library Service for the Blind and Physically Handicapped.

WILLIAM CARLOS WILLIAMS: "THE HAPPY GENIUS OF THE HOUSEHOLD," by Reed Whittemore. 1984. 32 p. Paper. Free from the Central Services Division.

Appendix 15

Litigation

United States District Court

CASE	NATURE OF ACTION	DISPOSITION
Parker v. Boorstin (83–3080)	Alleged violations of First and Fifth Amendments and employment discrimination	Dismissed
Parker v. Boorstin (83–2447)	Employment discrimination	Dismissed
Parker v. Boorstin (83–2262)	Employment discrimination	Dismissed
Parker v. *The Washington Post Co., et al.* (83–2158)	Defamation, libel, and invasion of privacy	Dismissed
Chandler v. *Library of Congress, et al.* (83–0631)	Reinstatement and back pay	Settled
Parker v. Boorstin (82–3513)	Alleged violations of First and Fifth Amendments and employment discrimination	Dismissed
Parker v. Boorstin (82–3422)	Employment discrimination	Dismissed
Parker v. Boorstin (82–3102)	Employment discrimination	Dismissed
Parker v. Boorstin (82–2669)	Employment discrimination	Dismissed
Parker v. Boorstin (82–2299)	Employment discrimination	Dismissed
Ethnic Employees of the Library of Congress v. Boorstin (82–2264)	Employment discrimination	Judgment for Library
Parker v. Boorstin (82–1348)	Employment discrimination	Judgment for Library, appealed

CASE	NATURE OF ACTION	DISPOSITION
Keeffe, et al. v. Library of Congress, et al. (82–0291)	First Amendment claim	Judgment for plaintiff; appealed
Perry v. Boorstin (81–2375)	Due process claim	Judgment for Library; no appeal
Chamurlisky v. Boorstin (81–1122)	Employment discrimination	Settled
Iftikhar v. Boorstin (81–0968)	Employment discrimination	Judgment for Library; appealed
Ethnic Employees of the Library of Congress v. Boorstin (81–2163)	Alleged violations of First and Fifth Amendments and employment discrimination	Judgment for Library; appealed
U.S. Library of Congress v. Lowenthal (Southern District of New York) (83 Civ. SWK)	Breach of contract	Settled
United States Court of Appeals		
Parker v. Boorstin (83–1424)	Employment discrimination	Judgment for Library
Parker v. Boorstin (83–1036)	Employment discrimination	Dismissed

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